UNITED STATES GOVERNMENT
MEMORANDUM

March 20, 2001

To: Public Information (MS 5034)

From: Plan Coordinator, FO, Plans Section (MS 5231)

Subject: Public Information copy of plan

Control #	-	S-05594
Type	-	Supplemental Development Operations Coordinations Document
Lease(s)	-	OCS-G04125 Block - 56 Breton Sound Area OCS-G04125 Block - 37 Main Pass Area
Operator	-	Chevron U.S.A. Inc.
Description	-	Wells #6, #7 and #P-9
Rig Type	-	JACKUP

Attached is a copy of the subject plan.

It has been deemed submitted as of this date and is under review for approval.

Robert Stringfellow
Plan Coordinator

Site Type/Name	Botm Lse/Area/Blk	Surface Location	Surf Lse/Area/Blk
WELL/#6	G04125/MP/37	2030 FNL, 4172 FEL	G04125/BS/56
WELL/#7	G04125/MP/37	2030 FNL, 4172 FEL	G04125/BS/56
WELL/#P-9	G04125/MP/37	400 FNL, 2480 FWL	G04125/MP/37

S-5594

Chevron

CONTROL No. S-5594
REVIEWER: Robert Stringfellow
PHONE: (504) 736-2437

MINERALS MANAGEMENT SERVICE
RECEIVED
MAR 19 2001
FIELD OPERATIONS
Plans Section, GOM OCS Region, New Orleans, LA

February 21, 2001

Regional Supervisor
U.S. Dept. of the Interior
Minerals Management Service
1201 Elmwood Park Blvd.
New Orleans, LA 70123-2364

Chevron U.S.A. Production Company
935 Gravier Street
New Orleans, Louisiana 70112-1625
GOM Deepwater Business Unit

S. A. Rondeno
Permit Specialist
Phone No. 504 592 6853
Fax No. 504 592 6764

Supplemental DOCD
Main Pass Block 37
Lease OCS-G-4125
Offshore, Louisiana

Gentlemen:

Pursuant to 30 CFR 250.204, Chevron U.S.A. Inc. submits this Supplemental DOCD for the drilling of 3 wells , OCS-G-4125 #6, #7 and #P-9 in Main Pass Block 37, Lease OCS-G-4125, Offshore, Louisiana.

We have enclosed 9 copies of the Supplemental DOCD, 5 Proprietary and 4 Public Information. No report of seismic data is needed since these wells will be drilled from existing surface locations.

Chevron believes that the structure maps and cross-section maps submitted with this proposed Supplemental DOCD is exempt from disclosure under the Freedom of Information Act, and should therefore not be made available to the public or provided to any affected state or to the executive of any local government. Please call me should you have any questions or need additional information.

Very truly yours,

S. A. Rondeno

S. A. Rondeno

enclosure

37mp.doc

SUPPLEMENTAL
DEVELOPMENT OPERATIONS COORDINATION DOCUMENT
(DOCD)

CHEVRON U.S.A. INC
MAIN PASS BLOCK 37
LEASE OCS-G-4125
OFFSHORE, LOUISIANA

In compliance with 30 CFR 250.204, the following information is submitted for this proposed Supplemental Development Operations Coordination Document.

1. HISTORY – Main Pass Block 37, Lease OCS-G-4125, acquired by Chevron U.S.A. Inc. from POGO and others on January 1, 2001, is located off the Louisiana Coast in the Central Gulf of Mexico. A vicinity map showing the location of the block relative to the Louisiana coast is shown as Attachment #1.

2. PROPOSED LOCATIONS - Chevron proposes to drill three (3) wells, OCS-G-4125 #6, #7, and #P-9. Two of the wells will be drilled by strapping slots on to the existing four pile "BD" structure located in Breton Sound Block 56. The third well will be drilled by strapping on a slot to the existing "P" structure located in Main Pass Block 40 (formerly POGO "JA" Platform). The surface locations, bottom-hole locations and total depths of these wells are as follows. A location plat is included as Attachment #2.

Block/Lease	Surface Location	Bottom-Hole Location	MD/TVD	Water Depth
MP 37 OCS-G-4125 #6	2030' FNL and 4172' FEL X=2,749,178 Y=-290,800 Latitude: 29° 26' 42.6509" Longitude: 88° 56' 46.1197"			40'
MP 37 OCS-G-4125 #7	2030' FNL and 4172' FEL X=2,749,170 Y=-290,800 Latitude: 29° 26' 42.6525" Longitude: 90° 18' 49.974"			40'
MP 37 OCS-G-4125 #P-9	400' FNL and 2480' FWL X=2,755,830 Y=-277,680 Latitude: 29° 24' 31.4314" Longitude: 88° 57' 33.9649"			50'

3. DRILLING SCHEDULE

WELL	START DATE	DAYS	COMPLETION DATE
Drill and Complete #6	07/01/01	35	08/04/01
Drill and Complete #7	08/05/01	25	08/29/01
Drill and Complete #P-9	08/30/01	24	09/22/01

4. GEOLOGICAL AND GEOPHYSICAL DATA - The proposed wells are being drilled from two existing structures in the Main Pass 41 Field. No new surface locations are proposed in this Supplemental DOCD. A review of scout ticket information, log information, and available operations records do not indicate drilling problems in the shallow portions of these wells. Shallow hazards and drilling problems are not anticipated in the new drills and normal drilling procedures and precautions should be adequate.

The following documents are included as follows:

- Cross-Section (Attachment #3, #4) Omitted from Public Information
- Structure Maps (Attachment #5) Omitted from Public Information
- Bathymetry Map (Attachment #6)

5. **ONSHORE SUPPORT BASE** - Chevron USA Inc. will use its existing onshore base facility located in Venice, Louisiana. The base has adequate facilities for marine and air transportation to handle the equipment for this additional development plan in Main Pass Block 37.

This block is located approximately 15 miles from the nearest landfall and 31 miles from the Venice Shorebase. Support vessels and travel frequency during drill operations are as follows:

- Crew Boat 4200 horsepower (7 trips/week)
- Supply Boat 3500 horsepower (2 trips/week)
- Tug Boat 2@ 4200 horsepower each (2 days/well)

6. **OIL SPILL RESPONSE PLAN** - This DOCD is submitted as "all other plans in Western and Central Planning Areas" as directed in NTL 2000-G21 (which supersedes NTL 2000-G10). This Appendix F is predicated on Chevron's Gulf of Mexico Regional Oil Spill Response Plan (OSRP). The following information addresses items 2, 3 & 4 as required in NTL 2000-G21. Items 1 and 5-16 are not applicable to this DOCD as per NTL 2000-G21.

(2) The companies covered:
Chevron USA Production Company, a division of Chevron U.S.A., Inc. and
Chevron Pipeline Company, a wholly owned subsidiary of Chevron Corporation;

The Regional OSRP was submitted to MMS on February 23, 2000 pending approval.

The activities proposed in this Development Operations Coordination Document (DOCD) are covered by the approved Regional Oil Spill Response Plan (OSRP).

(3) Our primary oil spill removal organizations that will supply equipment and personnel are:

- ☐ Clean Gulf Associates (CGA) and
- ☐ Marine Spill Response Corporation (MSRC)

(4) **Worst-Case Discharge Analysis**

Category	Regional OSRP "Near-shore" Worst-Case Discharge Scenario	Regional OSRP "Far-shore" Worst-Case Discharge Scenario	EP or DOCD
Type of Activity *(Types of activities include pipeline, platform, caisson, subsea completion or manifold, and mobile drilling rig)*	Pipeline	Sub-sea completion	Supplemental DOCD
Spill Location (area/block)	Chandeleur Sound Addition Block 11, (inside barrier islands)	Green Canyon Block 205, OCS-G 5911	Main Pass Block 37
Facility Designation *(e.g., Well No. 2, Platform JA, Pipeline Segment No. 6373)*	20" Crude Oil line from Empire, LA to Pascagoula, MS – in state waters.	Well No. A-2, Genesis Deepwater Spar – MMS Facility ID No. 67	Drill 3 wells MP 37 #6 MP 37 #7 MP 37 #P-9
Distance to Nearest Shoreline *(miles)*	2 miles	81 miles	15 miles
Volume			
Storage Tanks (total)	Not itemized since WCD based on pipeline calculation as defined by CFR 254.47(c).	4,000 barrels	bbl (Rig) bbl (Platform)
Flowlines (on facility)			barrels
Lease term pipelines		250 barrels	barrels
Uncontrolled blowout (volume per day)		80,000 barrels	barrels
Total Volume	146,847 barrels	2,404,250 barrels	barrels
Type of Oil(s) - *(crude oil, condensate, diesel)*	Crude Oil	Crude Oil	Crude/Cond
API Gravity(s) - *(Provide API gravity of all oils given under "Type of Oil(s)" above. Estimate for EP's)*	22.3°	27.7°	35.0°/Oil 45.0°/Cond

"Since Chevron has the capability to respond to the worst-case spill scenario included in its regional OSRP pending approval, and since the worst-case scenario determined for our (DOCD) does not replace the worst-case scenario in our regional OSRP, I hereby certify that Chevron has the capability to respond, to the maximum extent practicable, to a worst-case discharge, or a substantial threat of such a discharge, resulting from the activities proposed in our DOCD."

7. DESCRIPTION OF DRILLING RIG AND POLLUTION PREVENTION EQUIPMENT - Chevron U.S.A. Inc. plans to use jack-up drilling rig "Marine 200" or a similar type rig to drill the wells in Main Pass Block 37. The rig will be monitored daily by a Chevron drilling representative and any waste oil or fuel resulting in pollution of the Gulf Waters will be reported to the representative in charge for immediate isolation and correction of the problem. Any spill will be reported to governmental agencies. Chevron will comply with al MMS Regulations during the course of the activities. The Regional Oil Spill Response Plan is discussed in Section 6. A description of the drilling rig "Marine 200" is Attachment # 7.

8. DISCHARGES - All drilling discharges are regulated by EPA Region 6 NPDES General Permit GMG 290000 for the Gulf of Mexico, Outfall Numbers 604A and 604T. They include the following type and estimated volumes.

•DRILLING FLUIDS - Although drilling mud is generally recycled, excess mud is sometimes discharged overboard. The volume and rate of discharge depend upon downhole conditions. Volume is estimated from either pump rate and length of time, or from tank capacity if a bulk discharge occurs. We estimate approximately *4,000 barrels* of mud will be discharged per well. In no case will the discharge rate exceed 1,000 barrels per hour.

•DRILL CUTTINGS - The drill cuttings are separated from the mud through the use of solids contro equipment. Cuttings discharge rates and volumes will vary during the duration of the wells, and are measured by estimating the volume of hole drilled. Constituents of drill cuttings include sand, shale and limestone from the wellbore. The volume of drill cuttings discharged is estimated *3,000 barrels* per well.

•WELL TREATMENT, COMPLETION OR WORKOVER FLUIDS - These fluids (primarily seawater that has been circulated downhole) are sometimes discharged when in excess. The volume is calculated as for excess cement.

•SANITARY AND DOMESTIC WASTE - The rate of discharge from the marine sanitation unit is approximately 25 gallons/man/day. An equal amount of domestic waste (from sinks, galleys, showers and laundries) is normally discharged.

•DECK DRAINAGE - Consisting of rain water and wash water with no free oil, the volume of deck drainage is calculated by multiplying average rainfall by exposed deck area.

•UNCONTAMINATED WATER -This includes non-contact cooling water, discharges from the firewater system, and freshwater maker blowdown. Ballast water, which is sometimes used to maintain the stability of a drilling rig, might also be discharged. Volumes and rates of discharge are not normally monitored.

•PRODUCED WATER -This discharge would occur only in the instance that a production test is conducted after drilling the wells. The test would typically last 24 hours and much of the produced water would be vaporized as the hydrocarbon is burned. Excess water would be processed in a gravity separator and discharged in accordance with the limitations and conditions of the applicable NPDES Discharge Permit.

Wastes which cannot be discharged overboard will be transported to an appropriate treatment or disposa site, in accordance with all Federal, State and Local rules and regulations.

9. HYDROGEN-SULFIDE (H_2S) – In accordance with the requirement that the lease be classified regarding H2S, based on the drilling of previous wells from this location, no nearby occurrences of H2S associated with the activities were encountered; therefore, we request that the area in which the operations will be conducted be classified as an area where the absence of H2S has been confirmed.

10. AIR EMISSIONS – Emissions associated with this activity will occur at a previously permitted location in Main Pass Block 37, OCS-G 4125. As per Air Quality Regulations, tables in the attached Air Emissions Report (Appendix A) list the projected emissions during the proposed activities. Emissions from the proposed locations are estimated using the EPA Publications referenced in the tables. All calculations are based on worst possible situations. Actual emissions are expected to be considerably below those estimated.

11. BOND REQUIREMENTS -The activity proposed in this Supplemental DOCD is covered by Chevron's $300,000.00 area wide bond No. 89-76-1103 filed with the MMS pursuant to direction from the MMS Office of Adjudication.

12. LEASE STIPULATIONS - Chevron acknowledges that Lease OCS-G-4125 contains Stipulation No. 1. Al operations will be conducted in compliance with said stipulation.

13. SAFETY FEATURES AND ENVIRONMENTAL SAFEGUARDS - Chevron will comply with all pertinent regulations in 30 CFR 250.204, NTL's, and all federal and state documents to ensure that the proposed activities are safe and that there is minimal impact on the environment. Chevron will maintain compliance with the EPA NPDES Permit and lease agreement during the proposed activities in Main Pass Block 37 Lease OCS-G-4125.

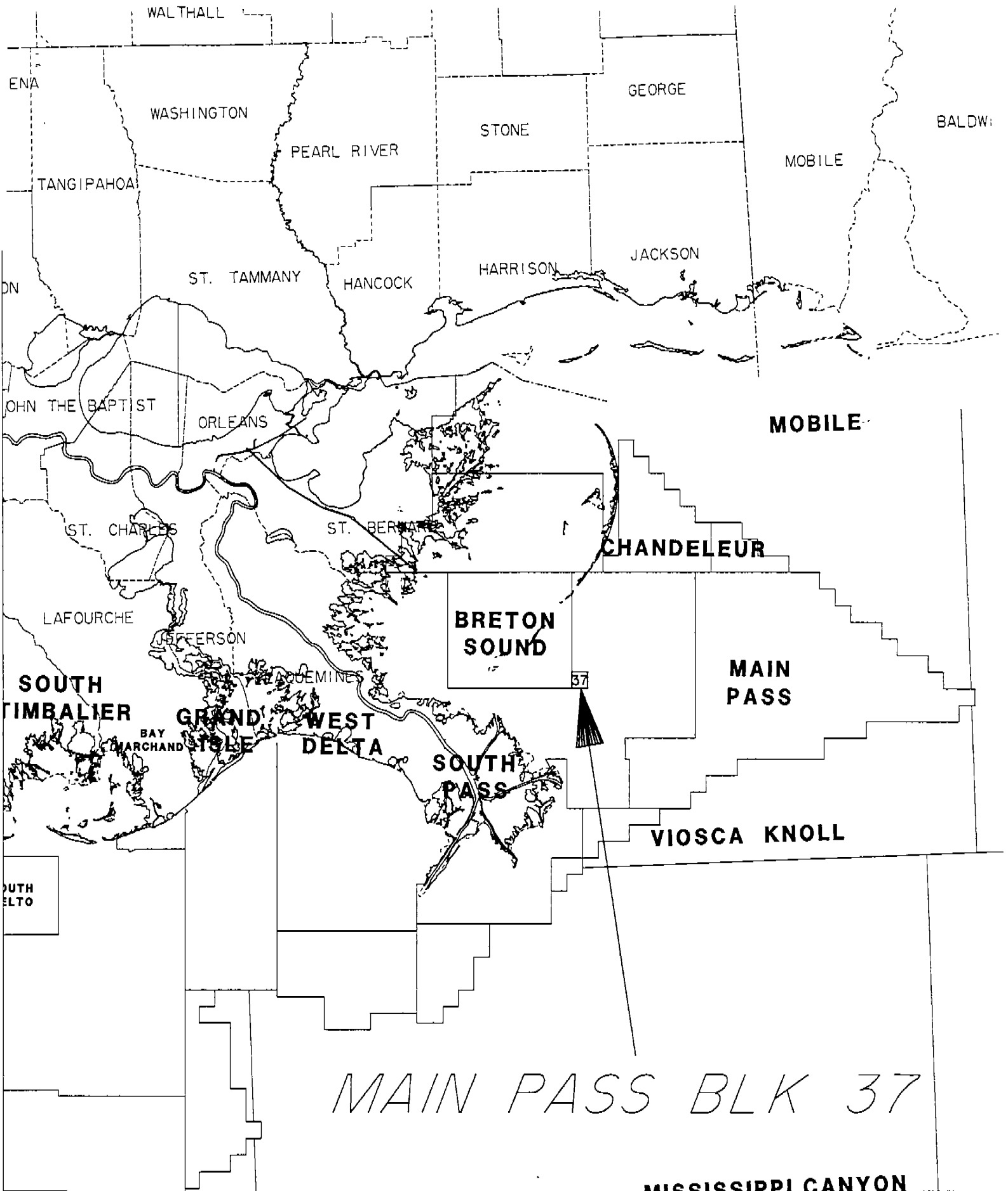
14. NEW OR UNUSUAL TECHNOLOGY – No new or usual technology will be used during the proposed activities in Main Pass Block 37, Lease OCS-G-4125.

15. PRODUCTION RATES AND LIFE OF RESERVES
OCS-G 4125 #6
OCS-G 4125 #7
OCS-G 4125 #P-9

16. COMPANY CONTACT

Shirley A. Rondeno
935 Gravier Street
New Orleans, LA 70112

E-mail address: sron@chevron.com
Phone: (504)592-6853
Fax: (504)592-6764



Chevron U.S.A. Inc.
Gulf of Mexico Business Unit

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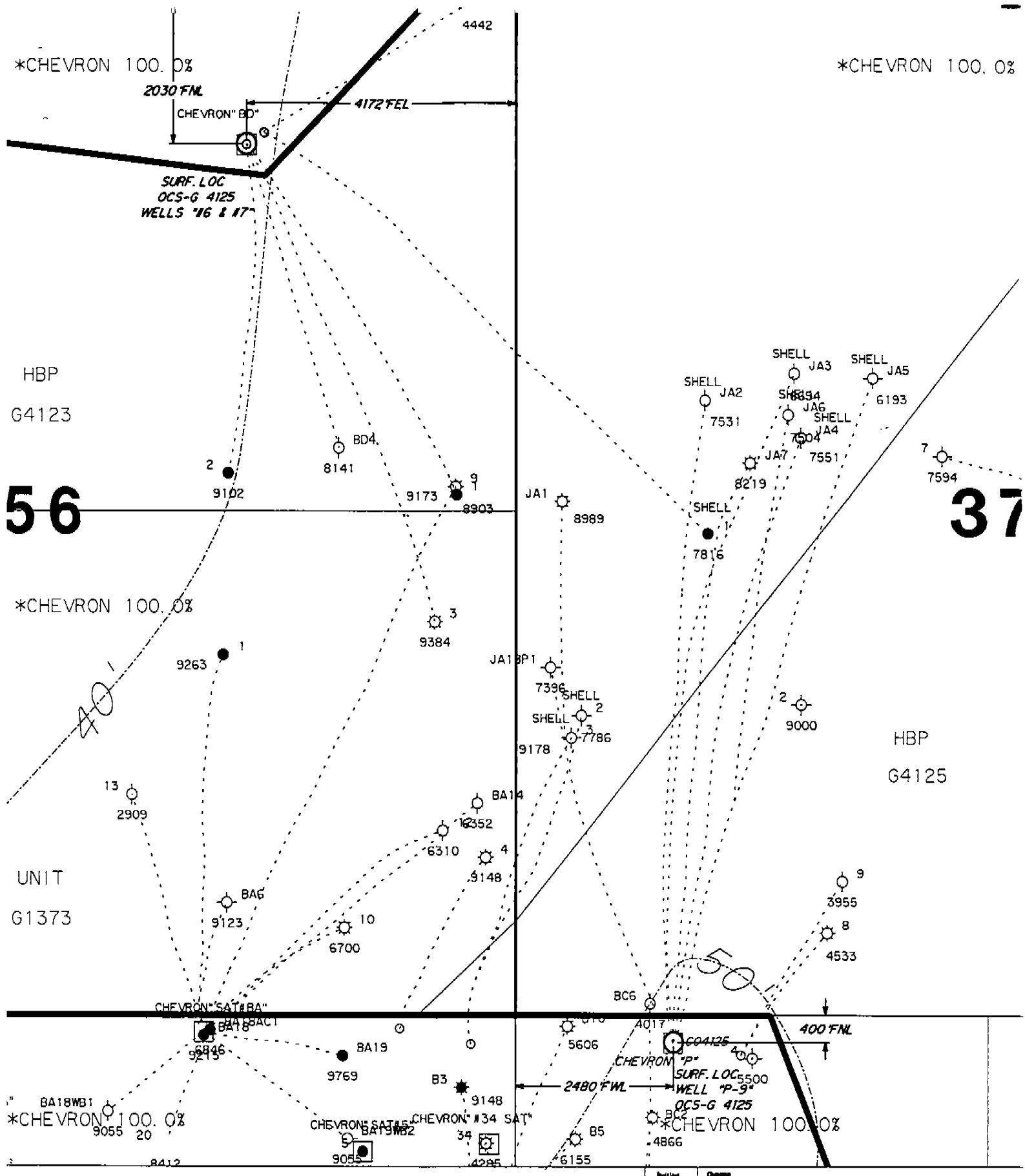
MAIN PASS BLK 37
Offshore Louisiana
VICINITY MAP

OCSG-4125

Scale: 1" = 120,000' Date: 01/22/01

plat /4125_blk37.vic

ATTACHMENT #1



SURFACE LOCATION	SURFACE LOCATION	SURFACE LOCATION
OCS-G 4125	OCS-G 4125	OCS-G 4125
WELL #6	WELL #7	WELL P-9
X = 2,749,178	X = 2,749,170	X = 2,755,830
Y = 290,800	Y = 290,800	Y = 277,680
LONG:88°58'46.1098"	LONG:88°58'46.2003"	LONG:88°57'33.9649"
LAT: 29°26'42.6509"	LAT: 29°26'42.6525"	LAT: 29°24'31.4314"

ATTACHMENT #2

Chevron

MAIN PASS FLD BLK 37
OFFSHORE LOUISIANA

DOCD
LOCATION PLAT
OCS-G 4125 WELLS "#6 & #7"
OCS-G 4125 WELL "P-9"

BY: C. I. A DATE: 01-23-01

SCALE: 1" = 2000'

0' 1000' 2000'

4125 3W LOC

HOLMES, SA

DRILLING FLUIDS COMPOSITION

- Fresh Water, Salt Water, Bentonite, Kaolin, Sepiolite, or Attapulgite Clays, Barite & Chemicals
- Various amounts and concentrations of sale and fresh waters, clays, barites and chemicals may be used.

CHEMICALS AND ADDITIVES

Acrylamide - AMPS (Alkali Metal Salt of Acrylamido Alkyl sulfonated Acid) Copolymer
Asphalt - Polypropylene Glycol Blend
Calcium Chloride
Calcium Lignosulfonate
Calcium Methylcallulose
Caustic Potash (Potassium Hydroxide)
Caustic Soda (Sodium Hydroxide)
Causticized Leonardite
Chrome Lignosulfonate
Citric Acid
Corn Starch
Cetoamer (Non-Ionic Surfactant)
Fatty Acid Salt in Alkoxylated Alcohol Dispersion
Gilsonite (Aspnaltite)
Glass or Plastic Beads
High Molecular Weight Glycol
Lignite (Leonardite)
Lignite-Sulfonated Apyrene-Maleic Anhydride Copolymer
Magnesium Oxide
Modified Corn Starch
Modified HEC
Partially Hydroilyzed Ptoyacrylamide
Polyacrylamides & Vinyl Sulfonates-Vinylamide Copolymers
Polyanionic Cellulose
Potassium Chloride
Potassium Lignite
Potato Starch
Quartenary Amine Salt (Cationic Ploymer Suspension)
Salt of Carboxylic Acid Polymer
Soda Ash (Sodium Carbonate Anhydrous)
Sodium Acid Pyrophosphate (SAAP)
Sodium Bicarbonate
Sodium Carboxymethyl Cellulose
Sodium Chloride
Sodium Polyacrylate Copolymer
Sulfonated Asphalt
Surfactant Blends for Wetting Gilsonite
Xantham Gum
Zinc Oxide

LOST CIRCULATION MATERIALS

Mica
Walnut Shells
Cellophane Flakes
Fiber Products
Thermostat Plastic Laminate
Calcium Carbonate

STUCK PIPE

Lime - Calcium Hydroxide
Sodium Chloride
Polyalphaolephin & Food Grade Emulsifiers
Carbonous Grind (Black Powder)

OIL BASED MUD

If the use of oil-based mud is indicated in the Drilling Program, or by Subsequent Sundry Notice, there will not be discharge of mud and cuttings overboard.

All mud and cutting and residue will be disposed at an approved 29-B Facility.

EMISSIONS INFORMATION

MARINE 200

Qty	Engine	Horsepower	
3	645-E-8-12 EMD	1500 hp ea x 3 =	4,500 hp
1	3412 Caterpillar Emerency Gen	650 hp ea x 1 =	650 hp
2	671 Detroit crane engine	180 hp ea x 2 =	360 hp
	TOTAL HP		5,510 hp

ATTACHMENT #7

EMISSIONS INFORMATION

MARINE 200

Qty	Engine	Horsepower	
3	645-E-8-12 EMD	1500 hp ea x 3 =	4,500 hp
1	3412 Caterpillar Emergency Gen	650 hp ea x 1 =	650 hp
2	671 Detroit crane engine	180 hp ea x 2 =	360 hp
	TOTAL HP		5,510 hp

ATTACHMENT #9

CERTIFICATION DATE 28APR99

EXPIRATION DATE 28APR01

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION
UNITED STATES COAST GUARD

Certificate of Inspection

VESSEL NAME	OFFICIAL NUMBER	CALL SIGN	SERVICE
MARINE 200	D631372	WBT3953	MODU
HOME PORT	HULL MATERIAL	HORSEPOWER	PROPULSION
NATL VESSEL DOC CTR	STEEL		
PLACE BUILT	DATE BUILT	GROSS TONS	NET TONS	GMT	LENGTH
BEAUMONT TX	13FEB81	3747	3747		220.00

OWNER
MARINE DRILLING MANAGEMENT CO
ONE SUGAR CREEK CNTR BLVD
STE 600
SUGAR LAND, TX 77478-3556

OPERATOR
MARINE DRILLING MANAGEMENT CO
ONE SUGAR CREEK CNTR BLVD
STE 600
SUGAR LAND, TX 77478-3556

THIS VESSEL MUST BE MANNED WITH THE FOLLOWING LICENSED AND UNLICENSED PERSONNEL, INCLUDED IN WHICH THERE MUST BE 2 CERTIFICATED LIFEBOATMEN AND 0 CERTIFICATED TANKERMAN.

___ MASTER	___ MASTER & 1ST CLASS PILOT	2 ABLE SEAMEN	___ CHIEF ENGINEER	___ FIREMEN-WATERTENDERS	
___ CHIEFMATE	___ ___ CLASS PILOT	1 ORDINARY SEAMEN	___ 1ST ASST. ENGINEER	___ OILERS	
___ 2ND MATE	___ RADIO OFFICER(S)	___ DECKHANDS	___ 2ND ASST ENGINEER	___ ___	
___ ___ MATES	___ ___ OPERATOR(S)	___ ___	___ ___ ENG'RS.	___ ___	

OTHER REQUIRED CREW 1 OFFSHORE INSTALLATION MANAGER

IN ADDITION, THIS VESSEL MAY CARRY 0 PASSENGERS, ___ OTHER PERSONS IN CREW, ___ PERSONS IN ADDITION TO CREW, AND 43 INDUSTRIAL PERSONNEL. TOTAL PERSONS ALLOWED 47

ROUTE PERMITTED AND CONDITIONS OF OPERATION:

OCEANS

LIMITED TO THE GULF OF MEXICO. NOT ON AN INTERNATIONAL VOYAGE.

SPECIAL TENSILE STEELS USED IN CONSTRUCTION. SEE CONSTRUCTION PORTFOLIO PRIOR TO COMMENCING REPAIRS.

*** SEE NEXT PAGE FOR ADDITIONAL CERTIFICATE INFORMATION ***

WITH THIS INSPECTION HAVING BEEN COMPLETED AT MAIN PASS, GULF OF MEXICO, OCS ON 28APR99, THIS VESSEL IS CERTIFIED BY THE OFFICER IN CHARGE, MARINE INSPECTION, NEW ORLEANS, LOUISIANA, TO BE IN ALL RESPECTS IN CONFORMITY WITH THE APPLICABLE VESSEL INSPECTION LAWS AND THE RULES AND REGULATIONS PRESCRIBED THEREUNDER.

PERIODIC REINSPECTIONS

DATE	ZONE	SIGNATURE

THIS CERTIFICATE ISSUED BY:

R. E. RYAN II, CAPTAIN, USCG
OFFICER IN CHARGE, MARINE INSPECTION
MORGAN CITY, LOUISIANA
INSPECTION ZONE

TRANSFER, USCG CG-841 (Rev 3-81) SN 7530-00-FOI-0378

DEPARTMENT OF TRANSPORTATION
UNITED STATES COAST GUARD

Certificate of Inspection

--- HULL EXAMS ---

-EXAM TYPE-	-NEXT EXAM-	-LAST EXAM-	-PRIOR EXAM-
DRYDOCK	28JUL02	28JUL99	31JUL97

--- STABILITY ---

LETTER APPROVAL DATE/ 19DEC95 OFFICE/ GALMS

--- INSPECTION STATUS ---

PRESSURE VESSELS

TYPE	LOCATION	LAST	NEXT
AIR RECEIVER	MACHINERY SPACE	31JUL97	31JUL02
AIR RECEIVER	MACHINERY SPACE	31JUL97	31JUL02
AIR RECEIVER	MACHINERY SPACE	31JUL97	31JUL02
AIR RECEIVER	DRILL FLOOR	31JUL97	31JUL02
DRY BULK	DECK	31JUL97	31JUL02
DRY BULK	DECK	31JUL97	31JUL02
DRY BULK	DECK	31JUL97	31JUL02
DRY BULK	DECK	31JUL97	31JUL02

LIFESAVING

LIFEBOAT/RAFT IDENTIFICATION	SERVICED/ REFURBISHED	WEIGHT TEST	FALLS RENEWED	FALLS END/END
NO. 1 CAPSULE	28APR99	16APR99	12OCT98	
NO. 2 CAPSULE	28APR99	16APR99	12OCT98	

--- LIFESAVING EQUIPMENT ---

	NUMBER	PERSONS		REQUIRED
TOTAL EQUIPMENT FOR		47	LIFE PRESERVERS(ADULT)...	60
LIFEBOATS(TOTAL).......	2	100	LIFE PRESERVERS(CHILD)...	
LIFEBOATS(PORT)*.....	1	50	RING BUOYS(TOTAL)........	8
LIFEBOATS(STARBD)*...	1	50	WITH LIGHTS*...........	4
MOTOR LIFEBOATS*.....	2	100	WITH LINE ATTACHED*....	2
LIFEBOATS W/RADIO*...			OTHER*.................	2
RESCUE BOATS/PLATFORMS.			IMMERSION SUITS..........	
INFLATABLE RAFTS.......			PORTABLE LIFEBOAT RADIOS.	
LIFE FLOATS/BUOYANT APP			EQUIPPED WITH EPIRB?.....	NO
WORKBOATS (NOT REQUIRED)			(* INCLUDED IN TOTALS)	

--- FIRE FIGHTING EQUIPMENT ---

TOTAL HOSE LENGTH/ 750 NUMBER OF FIRE AXES/ 2 NUMBER OF FIRE PUMPS/ 3

FIXED EXTINGUISHING SYSTEMS

SPACE PROTECTED	AGENT	CAPACITY
GEN ROOM	HALON	422
PAINT LOCKER	CO2	20

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FIRE EXTINGUISHERS - HAND PORTABLE AND SEMI-PORTABLE

6 A-II	B-I	3 B-II	B-III
B-IV	2 B-V	2 C-I	6 C-II

DEPARTMENT OF TRANSPORTATION
UNITED STATES COAST GUARD

Certificate of Inspection

MARINE 300 PAGE 3 CERTIFICATION DATE 28JUN00

--- CERTIFICATE AMENDMENTS ---

1. PORT AMENDING/ MORMS DATE AMENDED/ 28JUL99

-AMENDMENT-

CREDIT DRYDOCK COMPLETED. CORRECTED CONDITIONS OF OPERATION.

*** END ***

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Department of Transportation
United States Coast Guard
National Pollution Funds Center
Arlington VA 22203-1804

No. *837119-13*

VESSEL CERTIFICATE OF FINANCIAL RESPONSIBILITY (WATER POLLUTION)

Vessel Operator
MARINE DRILLING MANAGEMENT CO.

has established evidence of financial responsibility, in accordance with 33 CFR 138, to meet liability under section 1002 of the Oil Pollution Act of 1990, and under section 107 of the Comprehensive Environmental Response, Compensation, and Liability Act, which may result from the operation of the vessel named below:

Name of Vessel
MARINE 200

Effective Date: *02JUN98*
Expiration Date: *02JUN01*

The use of this certificate is subject to the provisions of Part 138 of Title 33 of the Code of Federal Regulations, as it is or may be amended, and the conditions on the reverse side of this certificate. This certificate is invalid if there are any erasures of alterations hereon (except permitted by 33 CFR 138), and is void if the operator named hereon is not the party responsible for operating the vessel.

BEST ~~AVAILABLE~~ COPY

Chief, Vessel Certification
National Pollution Funds Center
By Direction

AMERICAN BUREAU OF SHIPPING
SUMMARY REPORT OF CLASS SURVEYS

VESSEL M/V MARINE 200 ABS ID 8120454

PORT GALVESTON TEXAS REPORT NO. HK16675 PAGE 1 of 3

FIRST VISIT 27 JUNE 1996 LAST VISIT 27 JUNE 1996

DATE SURVEY STATUS 27 JUNE 1996

☐ AFLOAT ☐ DRYDOCK ☐ DATE UNDOCKED _____

☒ ELEVATED

SUFFIX A, B, C, ETC. AS APPLICABLE			CHECK SHEETS	OUTSTANDING RECOMMENDATION	CONTINUED	COMMENCED	COMPLETE
	☐	(DRYDOCKING) (UWILD) SURVEY	☐	☐	☐	☐	☐
	☐	TAILSHAFT SURVEY (PORT) (STARBOARD) (CENTERLINE)	☐	☐	☐	☐	☐
A	☑	ANNUAL SURVEY - HULL	☑	☐	☐	☐	☑
	☐	ANNUAL SURVEY - MACHINERY	☐	☐	☐	☐	☐
	☐	ANNUAL SURVEY - AUTOMATION	☐	☐	☐	☐	☐
	☐	ANNUAL SURVEY - CHEMICAL CARGO FEATURES	☐	☐	☐	☐	☐
	☐	ANNUAL SURVEY - LIQUEFIED GAS CARGO FEATURES	☐	☐	☐	☐	☐
	☐	ANNUAL SURVEY - INERT GAS SYSTEM	☐	☐	☐	☐	☐
	☐	ANNUAL SURVEY - PREVENTATIVE MAINTENANCE	☐	☐	☐	☐	☐
	☐	ANNUAL SURVEY - CARGO REFRIGERATION SYSTEM	☐	☐	☐	☐	☐
A	☑	ANNUAL LOAD LINE INSPECTION FLAG ASSIGNMENT	☑	☐	☐	☐	☑
	☐	INTERMEDIATE SURVEY	☐	☐	☐	☐	☐
	☐	YEAR OF GRACE SURVEY (SSH NO. ____) (SSM) (SSA) (SSLPG / LNG) (SSIGS)	☐	☐	☐	☐	☐
	☐	SPECIAL (PERIODICAL) (CONTINUOUS) SURVEY - HULL NO. ____	☐	☐	☐	☐	☐
	☐	SPECIAL (PERIODICAL) (CONTINUOUS) SURVEY - MACHINERY & ELECTRICAL EQUIPMENT	☐	☐	☐	☐	☐
	☐	SPECIAL (PERIODICAL) (CONTINUOUS) SURVEY - AUTOMATION	☐	☐	☐	☐	☐
	☐	SPECIAL (PERIODICAL) (CONTINUOUS) SURVEY - LIQUEFIED GAS CARGO FEATURES	☐	☐	☐	☐	☐
	☐	SPECIAL (PERIODICAL) (CONTINUOUS) SURVEY - CHEMICAL CARGO FEATURES	☐	☐	☐	☐	☐
	☐	SPECIAL (PERIODICAL) (CONTINUOUS) SURVEY - INERT GAS SYSTEM	☐	☐	☐	☐	☐
	☐	SPECIAL (PERIODICAL) (CONTINUOUS) SURVEY - CARGO REFRIGERATION SYSTEM	☐	☐	☐	☐	☐
	☐	SPECIAL ANNUAL SURVEY	☐	☐	☐	☐	☐
	☐	SPECIAL INTERMEDIATE SURVEY	☐	☐	☐	☐	☐
	☐	BOILER SURVEY(S) TYPE: _____	☐	☐	☐	☐	☐
	☐	(DD)(CS)(BS) SURVEY EXTENSION RECOMMENDED TO _____	☐	☐	☐	☐	☐
	☐	DAMAGE / REPAIR SURVEY REPORT	☐	☐	☐	☐	☐
	☐	GAUGING SURVEY AND REVIEW	☐	☐	☐	☐	☐
	☐	ACP PROGRAM / *OTHER	☐	☐	☐	☐	☐

*If other, type name of survey

LOADLINE CERTIFICATE: ~~ENDORSED~~ / (PROVISIONAL ISSUED) ~~(EXTENDED)~~ UNTIL 27 JUNE 1996 PENDING

ISSUE OF FULL TERM CERTIFICATE

THIS IS TO CERTIFY THAT THE UNDERSIGNED SURVEYOR(S) TO THIS BUREAU DID AT THE REQUEST OF THE OWNERS REPRESENTATIVE CARRY OUT THE ABOVE NOTED SURVEY(S) ON THE SUBJECT VESSEL AND RECOMMEND(S) THAT THIS VESSEL BE RETAINED AS CLASSED WITH THIS BUREAU. IT IS FURTHER RECOMMENDED THAT THE OUTSTANDING RECOMMENDATION(S), IF ANY, AS DESCRIBED ON ATTACHED SHEET(S) BE DEALT WITH AS STATED THEREIN.

SIGNATURE C.M. AKIN SURVEYOR(S) TO THE AMERICAN BUREAU OF SHIPPING SIGNATURE

REVIEWED BY: _____ 27 JUNE 96 HS

SIGNATURE DATE PORT

* TOTAL PAGES INCLUDING CHECK SHEETS: PAGE 1 OF 5 (Internal ABS distribution only)

VESSEL WORLD MARINE 200 ABSID 8120454

REPORT NO. HS 19675 DATE 27 JUNE 1996 PAGE 2 of 3

OUTSTANDING RECOMMENDATIONS
CONDITIONS OF CLASS

SURVEY:

OUTSTANDING RECOMMENDATION:

-NONE-

ADDITIONAL PAGES TO BE ATTACHED AS REQUIRED)

SIGNATURE:

SURVEYOR ATTENDING VESSEL

C. N. AKIN

DISTRIBUTION:	A.B.SUM/ REPORT	CERT.	CHECK SHEET
VESSEL		1	0
OWNER	1	1	0
ABS HOUSTON REPORTS	1	1	1
LOCAL	1	1	1

(*)Preliminary copy, if requested.

INTERNATIONAL LOAD LINE CERTIFICATE (1966)

Issued under the provisions of the International Convention on Load Lines, 1966, under the authority of the Government of the

UNITED STATES OF AMERICA,

Commandant, U.S. Coast Guard,

§120454-6
Certificate No.

by the American Bureau of Shipping
duly authorized for assigning purposes under the provisions of the Convention

Name of Ship	Official Number or Distinctive Letters	Port of Registry	Length (L) as defined in Article 3(8): i.e., 46 CFR 42.13-15
MARINE 200	631372	HOUSTON, TEXAS	150.72'

Freeboard assigned as:* {A new ship / ~~An existing ship~~

Type of Ship: * ~~Type "A"~~ / ~~Type "B"~~ / ~~Type "B" with reduced freeboard~~ / Type "B" with increased freeboard

* Delete whatever is inapplicable.

Freeboard from Deck Line to Center of Ring 7' - 3 3/8"

							Load Line	
Tropical	N/A	feet	N/A	inches	(T)		N/A	inches above(S)
Summer	N/A	feet	N/A	inches	(S)	N/A	Upper edge of line through center f ring	
Winter	N/A	feet	N/A	inches	(W)		N/A	inches below(S)
Winter North Atlantic	N/A	feet	N/A	inches	(WNA)		N/A	inches below(S)

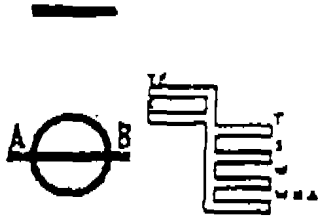
Note: Freeboards and load lines which are not applicable need not be entered on the certificate.

Allowance for fresh water for all freeboards inches. N/A

Note: All measurements are to upper edge of the respective horizontal lines.

The upper edge of the deck line from which these freeboards are measured is:
OPPOSITE TOP OF STEEL UPPER deck at side.

This certificate is valid only so long as the operating restrictions, in the vessel's stability letter issued by the Coast Guard Marine Safety Center and dated December 19, 1995 are observed.



Date of initial or periodical survey 31 JULY 1995

THIS IS TO CERTIFY that this ship has been surveyed and that the freeboards have been assigned and load lines shown above have been marked in accordance with the International Convention on Load Lines, 1966.

This certificate is valid until 31 JULY 2000 ** subject to annual surveys in accordance with article 14(1)(c) of the Convention, and endorsement thereof on the reverse side of the Certificate.

** At the expiration of this certificate, applicable reissuance should be obtained in accordance with the Load Line Regulations.

Issued at HOUSTON TEXAS 10 OCTOBER 1996

The undersigned declares that he is duly authorized by the said Government to issue this Certificate.

James F. Walling Jr., Supervisor
American Bureau of Shipping
By Direction of J. C. Smith, Manager

LL9-A Rev. 7/96

MMS DRILL PERMIT INFORMATION

250.64 Applications for Permit to Drill

(b)(1) An identification of the maximum environmental and operational conditions the rig is designed to withstand.

Environmental Data: Maximum storm

Water depth (ft)	100	150	185	200
Max wave height (ft)	64	62	50	35
Corresponding wave period (sec)	15	11.8	10	8.4
Max wind velocity (1 minute avg) (knots)	100	100	100	100
Water current (knots)	0	0	0	0
Air gap (ft)	54	44	34	25

Lightship Weight	20,670
Elevated Variable Loads	
Drilling and Stand-by	4,450
Storm Survival	3,450
Emergency Jacking	2,500
Maximum Hook Load	750
Maximum Rotary Load	750
Maximum Bearing Pressure (During preload (kips/sq ft)	5.82

Mat Dimensions
220' x 185' x 12' (including 2' scour skirt)
Slot in mat - 59'8" long x 110' wide

(b)(2) Applicable current documentation of operational limitations imposed by the American Bureau of Shipping classification or other appropriate classification society and either a U.S. Coast Guard Certificate or Inspection or a U.S. Coast Guard Letter of Compliance.

See Attachment A "United States Coast Guard Certificate of Inspection"

(f)(3)(i) The pressure rating of BOP equipment.

BOP pressure 10,000 psi wp

(f)(3)(ii) A well-control procedure for use of the annular preventer for those wells where the anticipated surface pressure exceeds the rated working pressure of the annular preventer.

Supplied by Operator

(f)(3)(iii) A description of subsea BOP accumulator system or other type of closing system proposed for use.

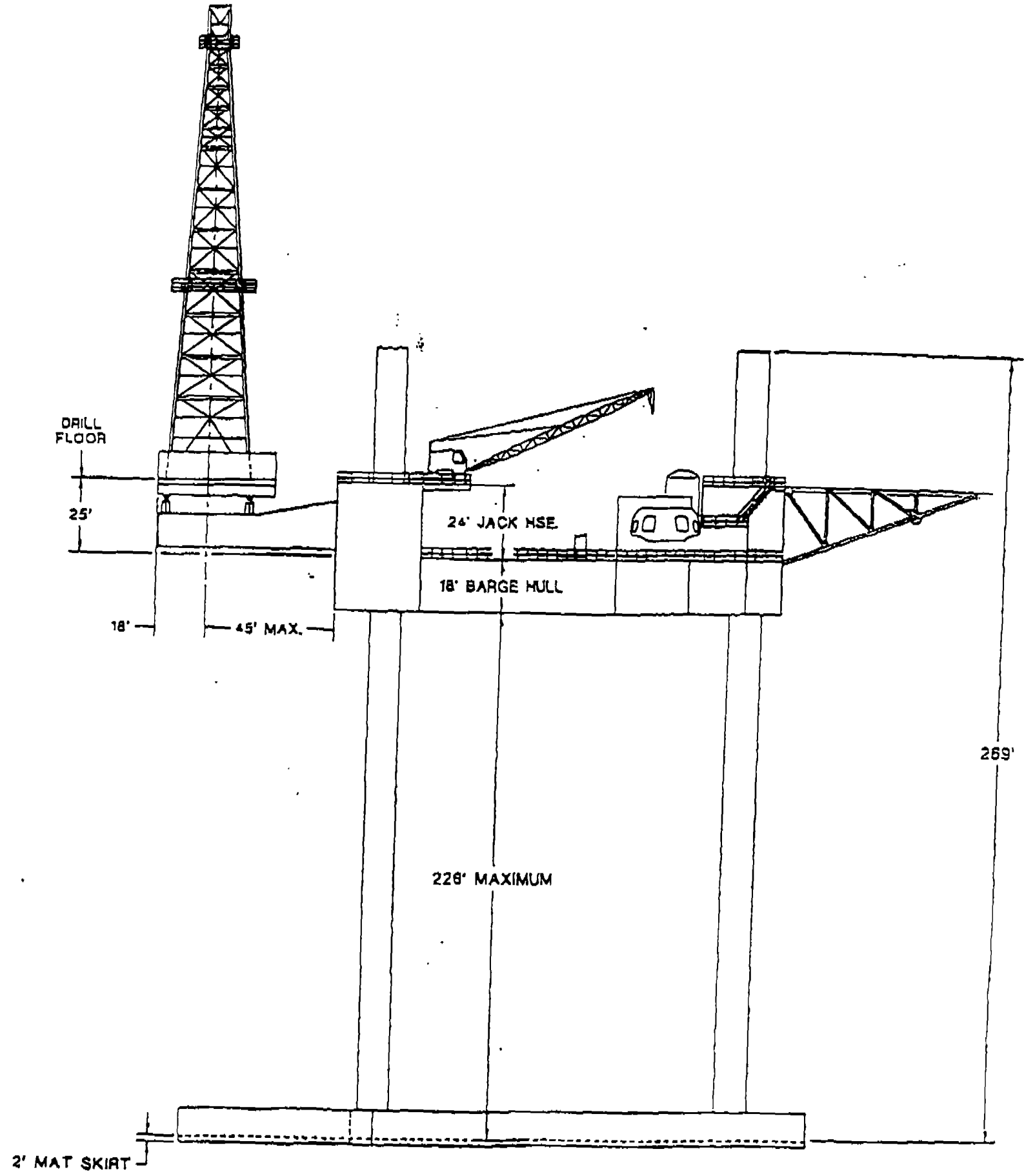
Koomey Controls Model T20180-3S, eighteen 11 gallon accumulators, two 31-00103 air pumps, one 20 hp triplex pump, 280 gallon reservoir, and seven station control manifold with remote electric operated station.

(f)(3)(iv) A schematic drawing of the diverter system to be used (plan and elevation views) showing spool outlet internal diameter(s); diverter line lengths and diameters, burst strengths, and radius or curvature at each turn: valve type, size, working pressure rating and location; the control instrumentation logic and the operating procedure to be used by lessee or contractor personnel.

Spool outlet internal diameter(s): see Attachment B
Diverter line lengths, diameters, burst strengths: see Attachment B
Radius or curvature at each turn: Targeted "T's" used - 90° turns
Valve type, size, working pressure rating and location: see Attachment B
Control instrumentation logic and the operating procedure used by lessee or contractor personnel: see Attachment D

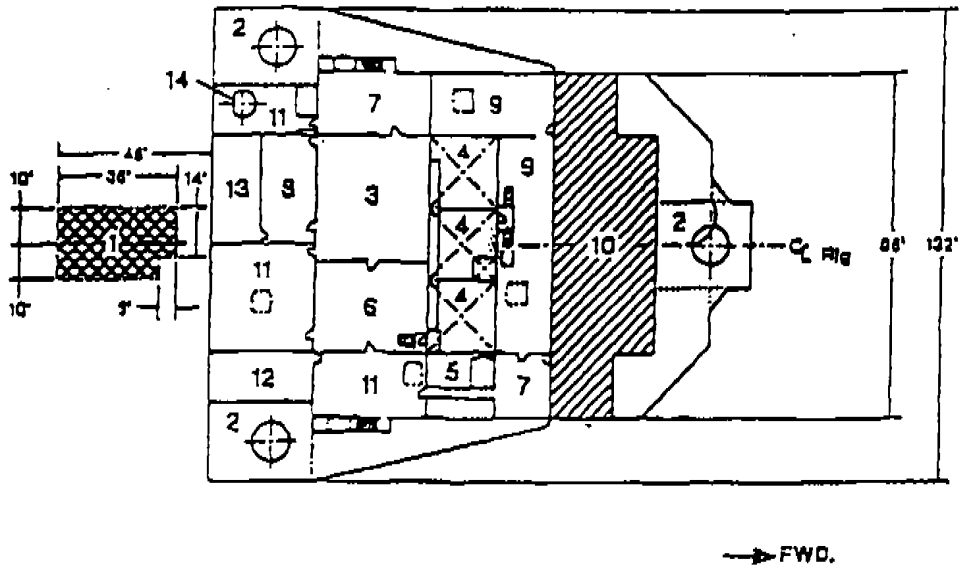
(f)(3)(v) A schematic drawing of the BOP stack showing the inside diameter of the BOP stack, and the number of annular, pipe ram, variable-bore pipe rams, blind rams, and blind-shear ram preventers.

See Attachment C



Marine 200 DECK TOP VIEW

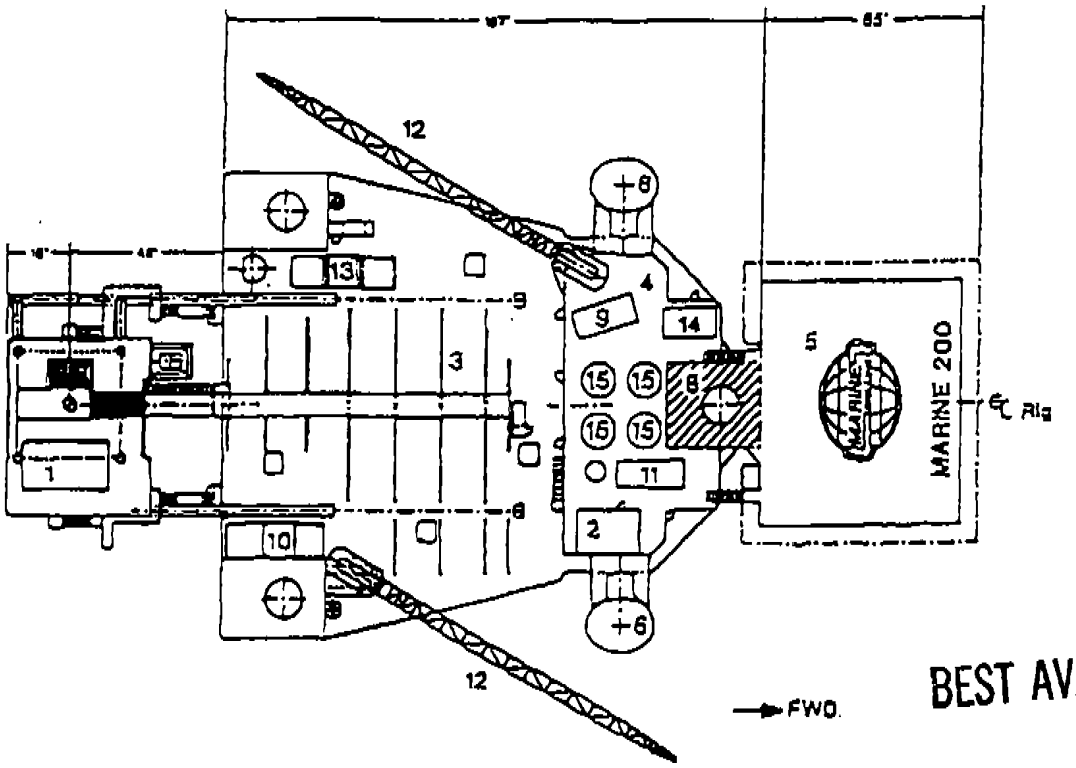
MACHINERY DECK



KEY

1 • Drilling Window 35' x 20' Nominal
2 • Jack House
3 • Engine Room
4 • Mud Pit
5 • Mixing Pumps
6 • Mud Pump
7 • Aux. Machinery Room
8 • SCR Room
9 • Sack Storage
10 • Lower Deck Quarters
11 • Stores
12 • Mechanical Shop
13 • Electrical Shop
14 • Submersible Pump Well

HELICOPTER DECK

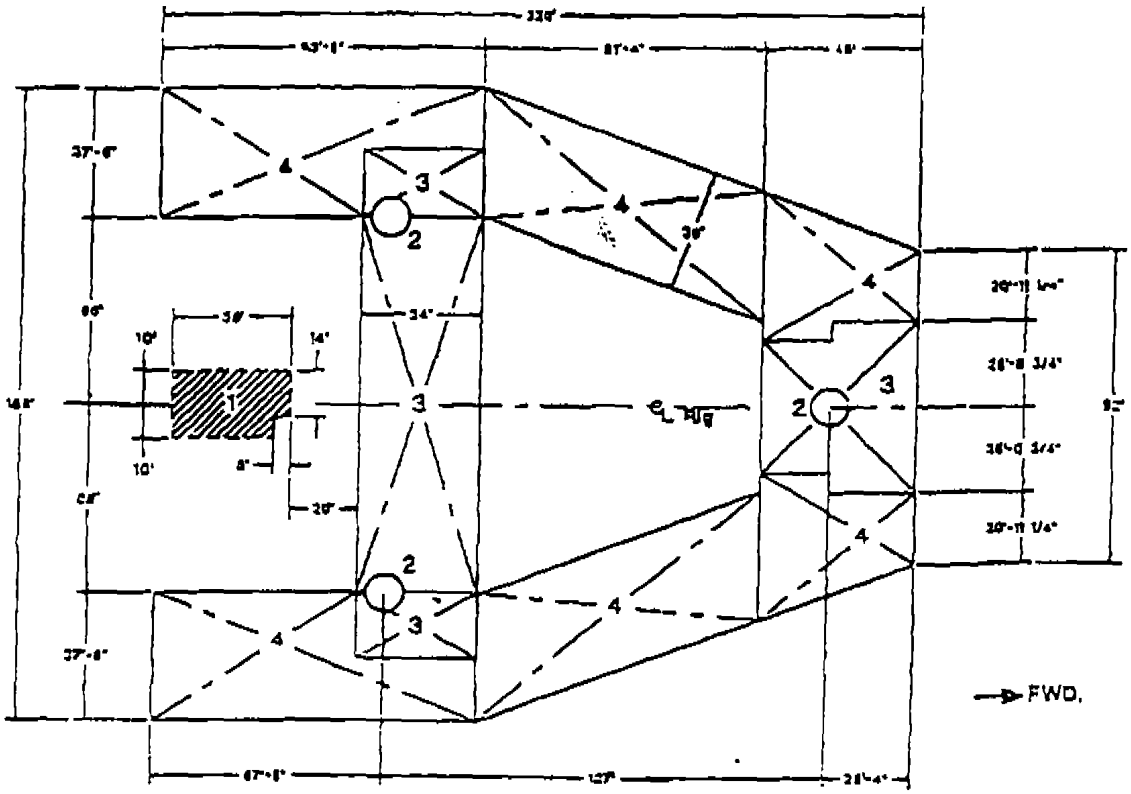


KEY

1 • Drilling Floor
2 • Control House
3 • Pipe Rack
4 • Quarters House
5 • Helideck (60' x 70')
6 • Life Capsule
7 • Life Raft
8 • Safe Welding Area
9 • Logging Unit
10 • Shale Shaker House
11 • Cementing Unit
12 • Link-Belt 218A Crane w/ 100 ft. Boom
13 • Radiators
14 • Emergency Generator
15 • P-Tank

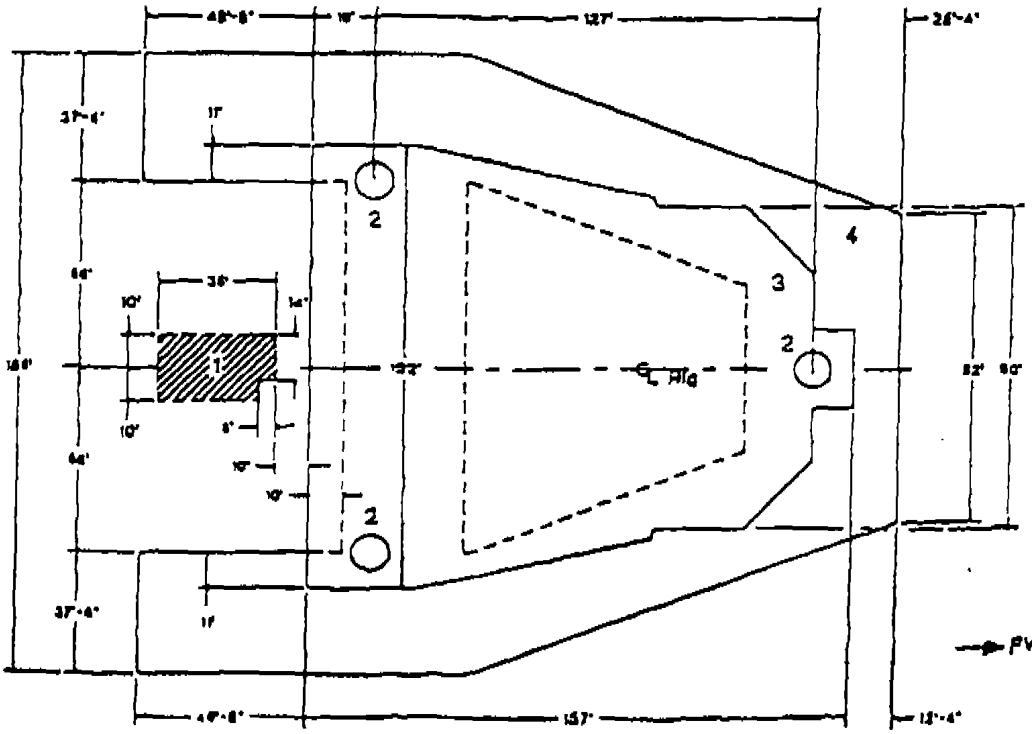
Marine 200 MAT PLAN/OVERVIEW OF PLATFORM & MAT

MAT PLAN



KEY
1 • Drilling Window
35' x 20' Nominal
2 • 11' Dia. Leg
3 • Permanently Buoyant Tank
4 • Permanently Flooded Tank

OVERVIEW OF PLATFORM AND MAT

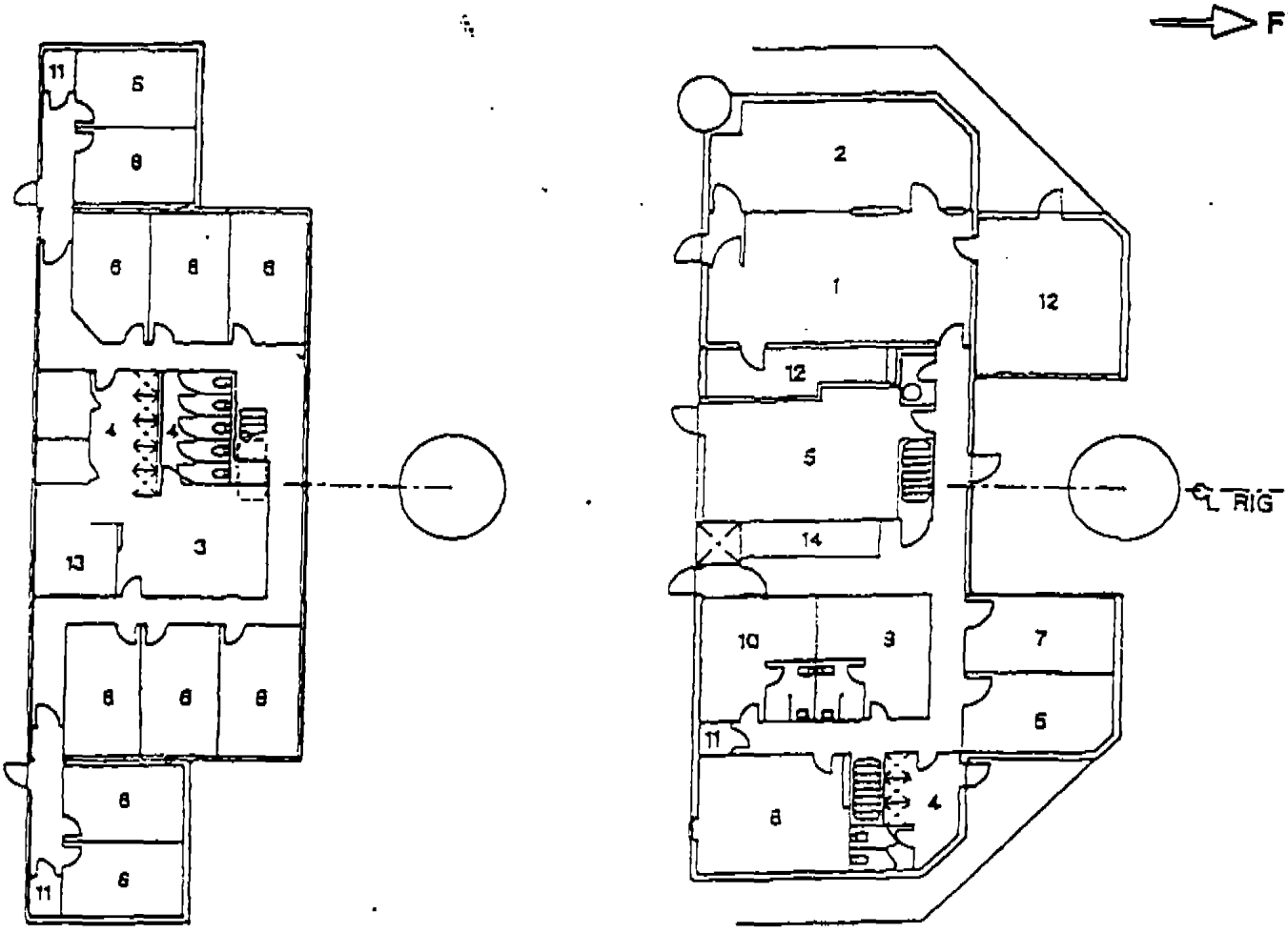


KEY
1 • Drilling Window
35' x 20' Nominal
2 • 11' Dia. Leg
3 • Barge Hull
4 • Mat Hull

Marine 200 QUARTERS ARRANGEMENT

LOWER LEVEL • Capacity (40) Men

MAIN DECK LEVEL • Capacity (8) Men



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KEY

1 • Mess
2 • Galley
3 • Locker Room
4 • Wash Room
5 • Recreation Room
6 • Four Man State Room
7 • Treatment Room
8 • Rig Office
9 • Toolpusher's State Room
10 • Company Man's State Room
11 • Storage
12 • Pantry
13 • Laundry
14 • Fan Room

Marine 200 ALLOWABLE SKID UNIT LOADING

RIG TRANSOM

℄ RIG

FWD.

	10'	8'	6'	4'	2'		2'	4'	6'	8'	10'	
10'	1000	1000	1000	1000	1000	1000	1000	1000	0	0	0	10'
13'	1000	1000	1000	1000	1000	1000	1000	1000	0	0	0	13'
15'	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	15'
17'	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	17'
19'	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	19'
21'	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	21'
23'	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	23'
25'	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	25'
27'	950	1000	1000	1000	1000	1000	1000	1000	1000	1000	950	27'
29'	900	950	1000	1000	1000	1000	1000	1000	1000	950	850	29'
31'	850	900	950	1000	1000	1000	1000	1000	950	885	770	31'
33'	800	850	900	950	1000	1000	1000	950	900	800	720	33'
35'	750	800	850	900	950	1000	950	900	830	730	670	35'
37'	700	750	800	850	900	950	900	850	740	680	620	37'
39'	650	700	750	800	850	900	850	785	690	630	570	39'
41'	600	650	700	750	800	850	800	710	640	580	520	41'
43'	550	600	650	700	750	800	750	660	590	530	470	43'
45'	500	550	600	650	700	750	700	610	540	480	420	45'
	10'	8'	6'	4'	2'		2'	4'	6'	8'	10'	

Note: All Loads Expressed as Kips.

United States Department of the Interior

MINERALS MANAGEMENT SERVICE
Gulf of Mexico OCS Region
825 Kaliste Saloom Road
Brandywine II - Suite 201
Lafayette, Louisiana 70508

March 6, 1995

Shell Offshore Inc.
Attention: Ms. Beverly T. Ally
Post Office Box 61933
New Orleans, Louisiana 70161

Gentlemen:

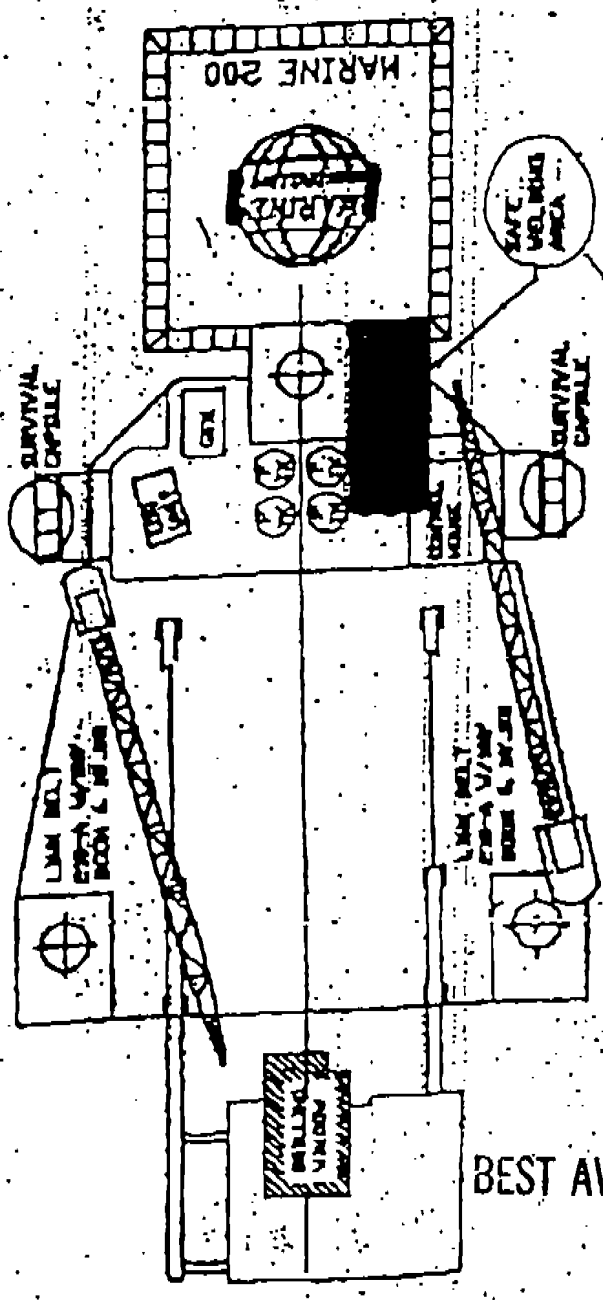
In accordance with Letter To Lessees dated January 25, 1995, concerning designated safe welding and burning areas and the provisions of 30 CFR 250.52(c), attached is a copy of the approved drawing outlining the designated safe welding and burning area for the rig Marine 200 which you are presently using at Lease OCS-G 11871, Well JC-2, Vermilion Block 178. This drawing, signed and dated by the Minerals Management Service (MMS) District Supervisor, as well as the conditions of approval, shall be available on the rig and will be the only approval needed to use the designated safe welding and burning area. The approved drawing is valid for any operator in any MMS Gulf of Mexico District as long as a copy is maintained on the rig.

If you have any questions, please contact Joe Gordon at (318) 262-6632 in the Lafayette District.

Joe T. Gordon
Acting District Supervisor
Lafayette District

APPROVED BY: Joe T. Conder
ACTING DISTRICT SUPERVISOR
LAFAYETTE DISTRICT
GULF OF MEXICO OCS REGION
DATE: 3-3-95

Subject to OCS Regulations and the attached conditions.

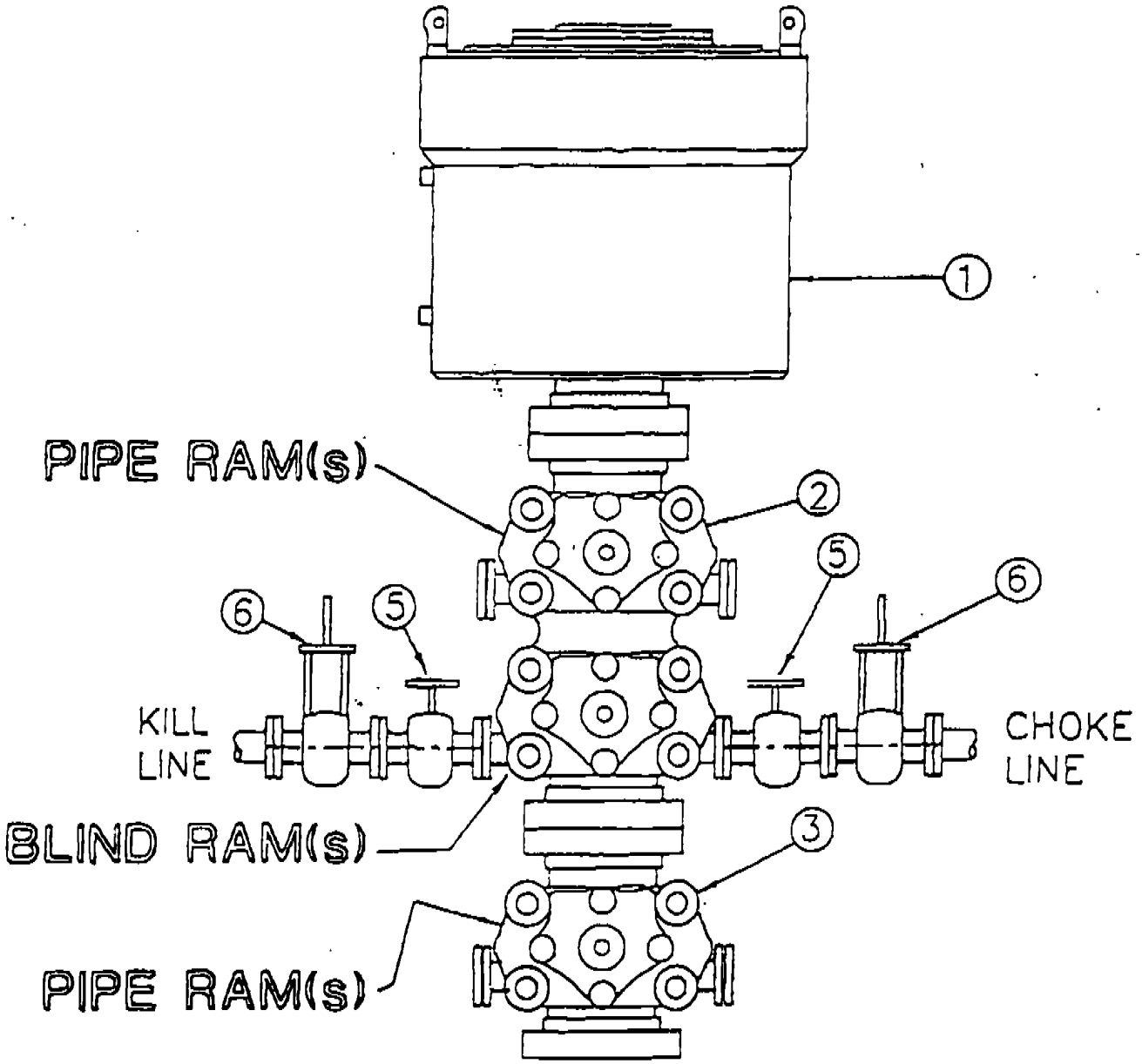


MARINE DRILLING COMPANIES

BOP OPERATING PROCEDURE

During drilling operations the 13-5/8" annular preventer and both ram type and blind rams are in the open position. The hydraulically operated 4" valve is in the closed position and all manual inside valves are open. If a kick or blowout occurs, you may elect t close either the annular or ram type BOP. At this time, the hydraulically opened 4" valve should be placed in the open position to route the fluid or gas to the choke manifold. With the choke manifold valve closed, well bore pressure can be read and recorded.

MARINE 200 - B.O.P. STACK



EQUIPMENT LIST

1. 13 5/8" ANNULAR BOP(5KSI) SHAFFER
2. 13 5/8" CAMERON TYPE "U" (10KSI) DOUBLE
3. 13 5/8" CAMERON TYPE "U" (10KSI) SINGLE
4. NUMBER NOT USED
5. GATE VALVE, MANUAL ACT., 3 1/15", (10KSI).
6. HCR VALVE, 3 1/16", (10KSI)

Rev.3 GEN.REV. 3MAY96 MK/DK
Rev.2 GEN.REV. 15MAR96 MK/DK
MARINE DRILLING CO.
DWG. BY: MVK DATE: 2NOV95

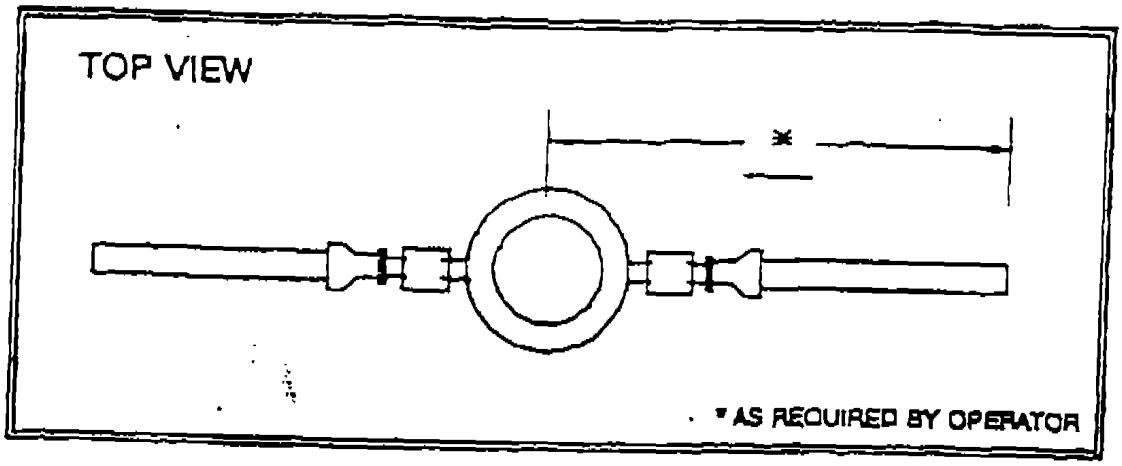
MARINE DRILLING COMPANY

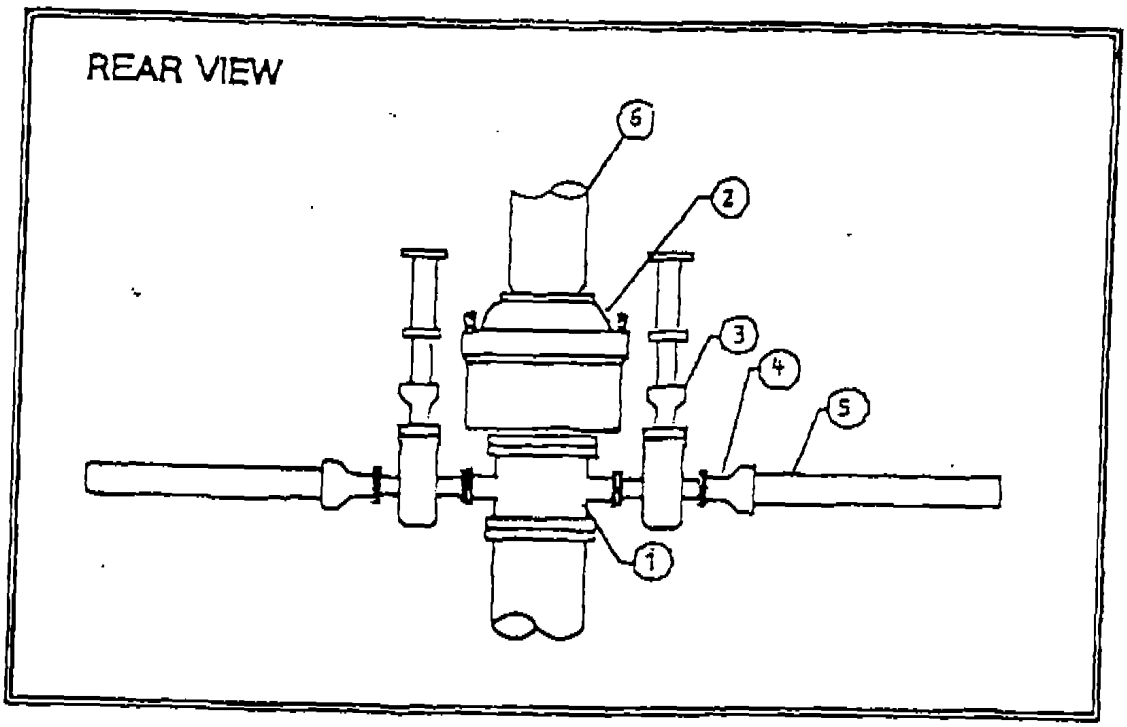
DIVERTER SYSTEM OPERATION PROCEDURE

During drilling operations, the 21-1/4" annular preventer is in the open position with the hydraulic valves being closed. If a kick or blowout occurs, the 21-1/4" annular preventer is closed and both hydraulic valves opened. Subsequently, both valves may be left open, or either valve closed at the Operator's discretion.

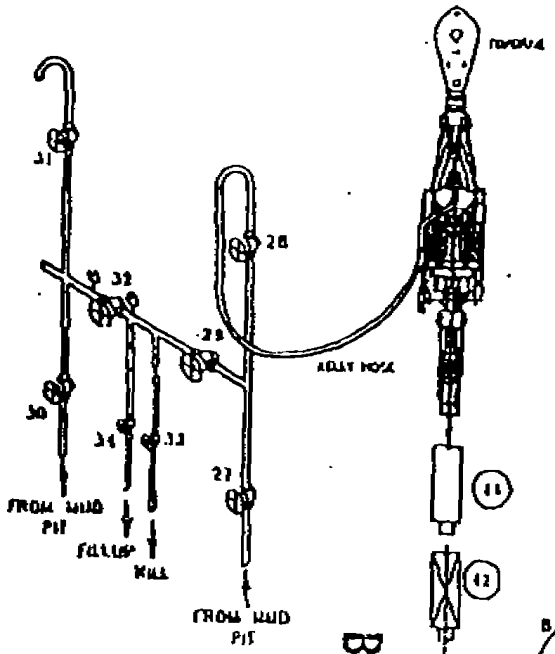
MARINE 200

DIVERTER SCHEMATIC





ITEM	DESCRIPTION
1	Diverter spool 2000 psi wp with 8" outlets
2	21-1/4" Shaffer spherical 2000 psi wp
3	8" flanged WKM remote hydraulically operated 1440 psi wp gate valves
4	10" x 8" concentric reducer
5	10" diverter line 10" sch 40 10.02" ID x .365 wall
6	Bell nipple



STAND PIPE

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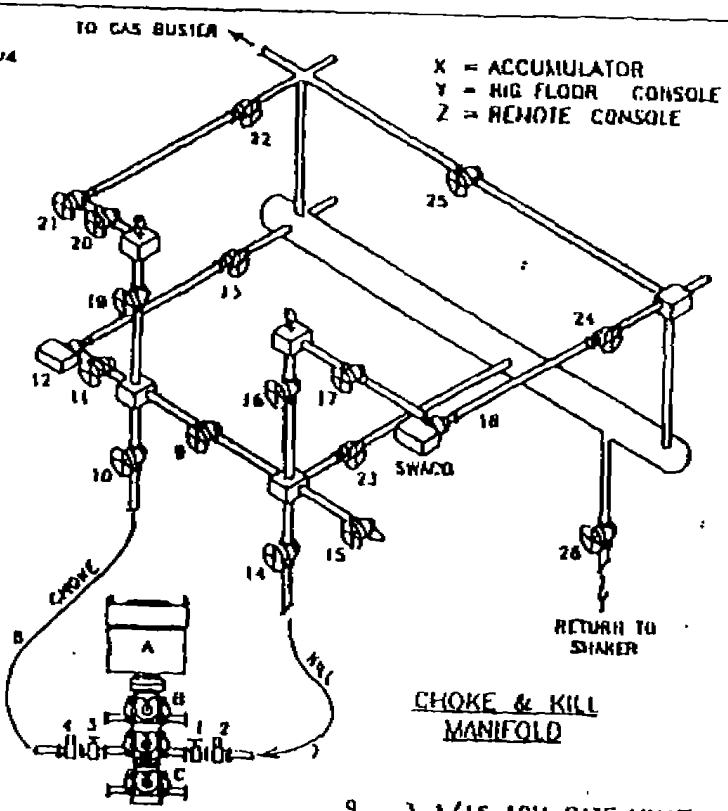
NOT REQUIRED BY MMS

27	4" 5M GATE VALVE
28	4" 5M GATE VALVE
29	4" 5M GATE VALVE
30	4" 5M GATE VALVE
31	4" 5M GATE VALVE
32	4" 5M GATE VALVE
33	3" 5M GATE VALVE
34	3" 5M GATE VALVE
35	NOT USED
36	NOT USED
37	3" 5M KELLY HOSE
38	10M UPPER KELLY COCK
39	2 13/16 10M KELLY
40	2 13/16 LOWER KELLY COCK
41	SAFETY VALVE
42	SAFETY VALVE
43	INSIDE BOP



B. O. P.

A SHAFFER ANNULAR
13 5/8 X 5M
B CAMERON "U"
DOUBLE
13 5/8 X 5M
C CAMERON "U"
13 5/8 X 10M

1	3 1/16 10M GATE VALVE
2	3 1/16 10M HCR VALVE
3	3 1/16 10M GATE VALVE
4	3 1/16 10M HCR VALVE
5	NOT USED
6	NOT USED
7	3" 10M CHOKE LINE
8	3" 10M KILL LINE

CHOKE & KILL MANIFOLD

9	3 1/16 10M GATE VALVE
10	3 1/16 10M GATE VALVE
11	3 1/16 10M GATE VALVE
12	SWACO CHOKE 10M
13	3 1/16 10M GATE VALVE
14	3 1/16 10M GATE VALVE
15	3 1/16 10M GATE VALVE
16	3 1/16 10M GATE VALVE
17	3 1/16 10M GATE VALVE
18	SWACO CHOKE 10M
19	3 1/16 10M GATE VALVE
20	3 1/16 10M GATE VALVE
21	3 1/16 10M ADJ. CHOKE
22	3 1/16 5M GATE VALVE
23	3 1/16 10M GATE VALVE
24	3 1/16 5M GATE VALVE
25	3 1/16 5M GATE VALVE
26	3 1/16 5M GATE VALVE

BOP AND CHOKE MANIFOLD TEST REPORT

LEASE/WELL: _____ DATE: _____
OPERATOR: _____

TEST No.	LOW PSI	TIME	HIGH PSI	TIME	REMARKS

TEST FLUID : _____
TEST STATION: _____
BEGIN TEST (TIME & DATE): _____

TOOL PUSHER: _____
DRILLER : _____
COMPANY MAN: _____

SIGNATURE DATE

MARINE DRILLING CO.

DWG. BY: LLB	DATE: AUG '81
CHK. BY: CGH	#200BPIST Rev.1

MARINE DRILLING COMPANIES
EMERGENCY EVACUATION PLAN

PERSONNEL CONTACTS

(Listed in order of preference)

Name	Telephone Number	Circumstance
Larry Adkins	Office: (713) 243-3000 Home: (713) 370-0877 Mobile: (713) 724-8949	Weather abandonment Well problems: (a) shut in (b) blowout (c) fire (d) major punchthrough (e) taking on water during tow
Ricky Hileman	Office: (713) 243-3000 Home: (713) 347-7067 (week) Home: (512) 236-5524 (wknd) Mobile: (713) 249-6686 Beeper: (713) 612-4199	Weather abandonment Well problems: (a) shut in (b) blowout (c) fire (d) major punchthrough (e) taking on water during tow

COMMUNICATIONS EQUIPMENT

VHF-FM marine band radio - all marine channels 156-158 MHz

Single Sideband Marine Radio	4, 8, and 12 MHz marine operator 4125.0 MHz 8297.0 MHz 4610.5 MHz (MDC frequency)
Rig Public Address Systems	13098.0 MHz
Marine Portable VHF	Channels 6, 16, and 22

SOURCE OF WEATHER FORECAST

Type of Report	Frequency of Reports	How Transmitted to Rig
Normal weather	Twice daily	Telephone, SSB or facsimile
Heavy weather	Minimum twice daily	Telephone, SSB or facsimile More frequently as change occurs

MARINE DRILLING COMPANIES
EMERGENCY EVACUATION PLAN

DESIGNATED INDIVIDUAL

The Offshore Installation Manager (OIM) will be responsible for carrying out the provisions of the Marine Drilling Companies Emergency Evacuation Plan.

SHOREBASED PERSONNEL

Marine Drilling Companies' personnel authorized to advise rig EEP personnel regarding execution of plan are as follows:

Larry Adkins	Office: (713) 243-3000
Home:	(713) 370-0877
Mobile:	(713) 724-8949
Ricky Hileman	Office: (713) 243-3000
Home:	(713) 347-7067 (week)
Home:	(512) 236-5524 (wknd)
Mobile:	(713) 249-6686
Beeper:	(713) 612-4199

CIRCUMSTANCES THAT COULD PLACE THE RIG IN JEOPARDY

Event	Required Action
Fire	Notify Marine office immediately
Blowout	Notify Marine office immediately
Hurricane	See "Appendix A"

MARINE DRILLING COMPANIES
EMERGENCY EVACUATION PLAN

CRITICAL ACTION STEPS AND TIME REQUIREMENTS

Operation	Required	Personnel Est Time Required
Secure rack chocks	12 hours	6
Lay down drill pipe	6-14 hours	4
Secure BOP	4 hours	6
Change airgap/reinstall rack chocks	15 hours	6
Skid in cantilever and secure rig floor	8 hours	5
Secure hull openings, hatches, doors and manways	3 hours	10

ORDER OF EVACUATION

Once evacuation orders have been received, personnel will depart in the following order as a function of mode of evacuation:

Helicopter	All as space is available followed by toolpushers and rig engineers
Crew/Workboat	All followed by toolpushers, crane operators and rig engineers
Lifeboat	In accordance with published lifesaving plan

Hurricane Securing and Evacuation Procedures

Jack-up Rig

During hurricane season, the following safety precautions should be exercised:

1. Maintain a minimum of five (5) days mud supply on board.

1. Maintain a near capacity supply of drilling water on board.

3. Secure all loose equipment that will not be used or moved in normal operations.

4. Have tie-down cables, chains, turnbuckles, etc., prepared for tying down all equipment in the event of a hurricane shut down.

5. Lay down all excess drill pipe and drill collars standing in derrick.

6. At all times have the following equipment on the rig:

   a. Halliburton RTTS full bore storm packers, complete with Sub-Surface Control (SSC II) Valve. RTTS is to be of proper size to fit inside the last casing string, as required.

   b. Baker Model "G" Full Flow Float Sub with a ported drillpipe flapper valve.

   c. Gray inside BOP (to be kept for back-up).

   Make sure above equipment is always in good working condition and subbed for running in the drill string, as required.

7. Familiarize all personnel with hurricane securing procedures.

8. Make frequent checks of aids to navigation equipment. Report any defect immediately for repair.

9. Report the "Time Required to Secure Rig" on the Drilling Report. Review the Personnel and Visitors Roster to ensure that it is current.

10. Monitor weather service reports twice daily by telecopier, and more often as necessary.

11. Prepare an inventory of all rental equipment on board that shows vendors, serial numbers and dates and arrival and departure.

12. Maintain an estimate of variable loads on board and record this estimate on the IADC Daily Report.

PHASE I

Phase I becomes effective when a hurricane or severe tropical disturbance develops which could move into the Company's operations regardless of the storm's location.

Upon announcement of this Phase, the Toolpusher on each rig will:

1. Continue present operation, recognizing that deteriorating weather conditions may dictate changes in operations. Incorporate a ported drillpipe float into the BHA on the next trip out of hole. When drilling at a depth where high pressures are expected or at a depth where salt may be encountered, drilling operations may be suspended, the mud conditioned and the bit pulled up into the casing until the hurricane danger has passed or orders to "Shut Down" have been received.

2. Post a weather map and see that the storm's position is plotted and kept current at all times.

3. Keep Personnel and Visitors Roster current.

4. Check rig's supply of cable, cable clamps, rope, and other material which might be needed to secure any equipment or material during a hurricane. An immediate order shall be placed for any material needed.

5. Make a thorough inspection of all equipment. All movable objects which are not in use or expected to be used within 72 hours will be firmly secured or removed from the rig. Any objects which are placed in service will again be secured after use.

6. Lay down extra drill pipe, drill collars, or tubing standing in the derrick. (If drilling in open hole, do this on next trip out).

7. Make preparations to lay down drill pipe that is in open hole.

8. Check storm packers and connections. Super glue all O-rings in the SSC valve.

9. Start and run emergency air compressor; make sure it will build 100 psi pressure.

10. Check auxiliary power for navigation lights and fog horn.

11. Check all communication facilities and be certain they are operable. Make necessary repairs immediately.

12. After preparations for Phase I have been completed, report same to the Drilling Operations Superintendent.

13. Secure rack chocks.

PHASE II

Phase II becomes effective when a hurricane or severe tropical disturbance develops in or enters the Gulf of Mexico.

Upon announcement of this Phase, the Toolpusher on each rig will:

1. Set up a 24-hour radio watch. Report any important changes in weather to the Office.

2. Condition mud and get hole in condition for securing well. If open hole conditions allow, POOH and incorporate a ported drillpipe float into the BHA if not previously done during Phase I. If the open hole well conditions dictate, preparations should be made to set either a storm packer with drill pipe or a mechanical plug in casing. If unable to secure the well with a storm packer in the conventional manner, a cement plug should be utilized.

3. Make a personal inspection of all equipment under his supervision to be sure that everything is ready for a hurricane and have key contract personnel do the same.

4. Maintain an accurate Personnel and Visitors Roster which will include name, company, and title of each person on board. The number of persons on board will be submitted at each verbal drill report time.

5. When preparations for Phase II are complete, report same to Drilling Operations Superintendent.

PHASE III

Phase III normally becomes effective when high winds ahead of the hurricane are within forty-eight (48) hours of rig location. Under most anticipated conditions, action should be taken that would permit support vessels to leave location twenty-four (24) hours ahead of the hurricane or high winds and personnel on the jack-ups to start leaving twenty-four (24) hours ahead of the hurricane or predicted extreme winds and seas (winds over 40 MPH and seas greater than 10 feet). Phase III will begin earlier if the "Time to Secure Rig" exceeds twenty-four (24) hours.

Upon announcement of this phase the Toolpusher on each rig will:

1. Have drilling crews start out of the hole laying down drill pipe. Pipe will be pulled up into casing, with remainder laid down, where conditions permit. Set a storm packer or mechanical plug in the casing. (Use a cement plug if a storm packer or mechanical plus is unavailable).

   a. If workover, recompletion of well testing operations are in progress, the procedures to secure the well will depend on the exact operation being undertaken. Have your own plan outlined at all times and consult with the Office for final approval.

   b. If drilling below surface casing, lay down pipe until bit is in casing. if drilling below protective casing, pull into casing and then lay down an amount of pipe equal to the amount of open hole. Recover wear bushing.

   c. Make up the Halliburton RTTS Full Bore Packer and SSC II Storm Valve (as described in the attached Operating Instructions) in the drill string and run in hole. Install and set the packer so that the bit will be near the casing shoe, but not in the open hole when the packer is a distance below the mudline which would allow the well to be abandoned if the packer cannot be pulled.

   d. Set Full Bore Storm Packer and back off from same. Setting procedure is described in the attached Operating Instructions for RTTS Storm Packer. Lay down excess drill pipe.

   e. Close and lock blind rams with wedge locks.

PHASE III

Phase III normally becomes effective when high winds ahead of the hurricane are within forty-eight (48) hours of rig location. Under most anticipated conditions, action should be taken that would permit support vessels to leave location twenty-four (24) hours ahead of the hurricane or high winds and personnel on the jack-ups to start leaving twenty-four (24) hours ahead of the hurricane or predicted extreme winds and seas (winds over 40 MPH and seas greater than 10 feet). Phase III will begin earlier if the "Time to Secure Rig" exceeds twenty-four (24) hours.

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1. Have drilling crews start out of the hole laying down drill pipe. Pipe will be pulled up into casing, with remainder laid down, where conditions permit. Set a storm packer or mechanical plug in th casing. (Use a cement plug if a storm packer or mechanical plus is unavailable).

   a. If workover, recompletion of well testing operations are in progress, the procedures to secure the well will depend on the exact operation being undertaken. Have your own plan outlined at all times and consult with the Office for final approval.

   b. If drilling below surface casing, lay down pipe until bit is in casing. if drilling below protective casing, pull into casing and then lay down an amount of pipe equal to the amount of open hole. Recover wear bushing.

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   d. Set Full Bore Storm Packer and back off from same. Setting procedure is described in the attached Operating Instructions for RTTS Storm Packer. Lay down excess drill pipe.

   e. Close and lock blind rams with wedge locks.

f. Close all blowout preventer manifold valves and casing valves. Disconnect all fluid lines to blowout preventer stack. Remove Bell Nipple from BOP.

g. Check and tighten snublines on blowout preventers (3/8" and 5/8") and check and tighten guide for 30".

h. Tiedown and secure all pipe, equipment, and materials.

i. Secure rig floor and derrick equipment in accordance with Contractors' procedures.

j. Start and run emergency air compressor. Make sure that it will compress air to 100 psi.

k. Leave diesel fuel day tank "full".

l. Make sure all fuel, water, air and mud line valves are closed.

m. Lay down and tie down crane booms.

2. Evacuate all non-essential personnel by available air or sea transportation.

3. If communications with shore are possible, preparations for Phase III will remain in force until further orders are received. The Drilling Supervisor on each facility is given full authority to do whatever he thinks necessary to protect people, wells and equipment in case communications with shore are not possible.

4. Keep Personnel and Visitors Roster current.

5. Have workboats in field to evacuate personnel.

6. Record the following on the IADC report:

a. Estimate of variable load.
b. Any adjustments made in variable load (i.e.; pump off water, barite, etc.)
c. Total amount of casing, drillpipe, drill collars and HWDP left on deck.
d. Describe any pipe left in the derrick.
e. Describe air gap and if any changes made in preparation to evacuate rig.

f. Describe method in which blocks are tied down/secured.
g. Position of derrick (was derrick skidded prior to evacuation).

7. Report completion of work for Phase III to the Drilling Operations Superintendent.

PHASE IV

Phase IV becomes effective when high winds ahead of the hurricane are within twenty-four (24) hours of rig location.

Upon announcement of this Phase, the Drilling Supervisor on each rig will:

1. Commence evacuation of remaining personnel to shore by available air or sea transportation.

2. Ensure that the well is suspended properly.

3. Make final check that all equipment and supplies are secured.

4. Shut down all engines except for emergency generator.

5. Turn on navigation lights and fog horn.

6. The Toolpusher and contract toolpusher will maintain a list of all personnel and their telephone numbers where they can be contacted after the hurricane.

7. Record preparations on the IADC Daily Drilling Report forms and Personnel and Visitors Roster. These reports will be carried by the Toolpusher upon evacuation of the rig.

8. Notify the Drilling Operations Superintendent and support base when the rig is secured and again when all personnel have arrived at the shoreline.

POST HURRICANE PROCEDURE

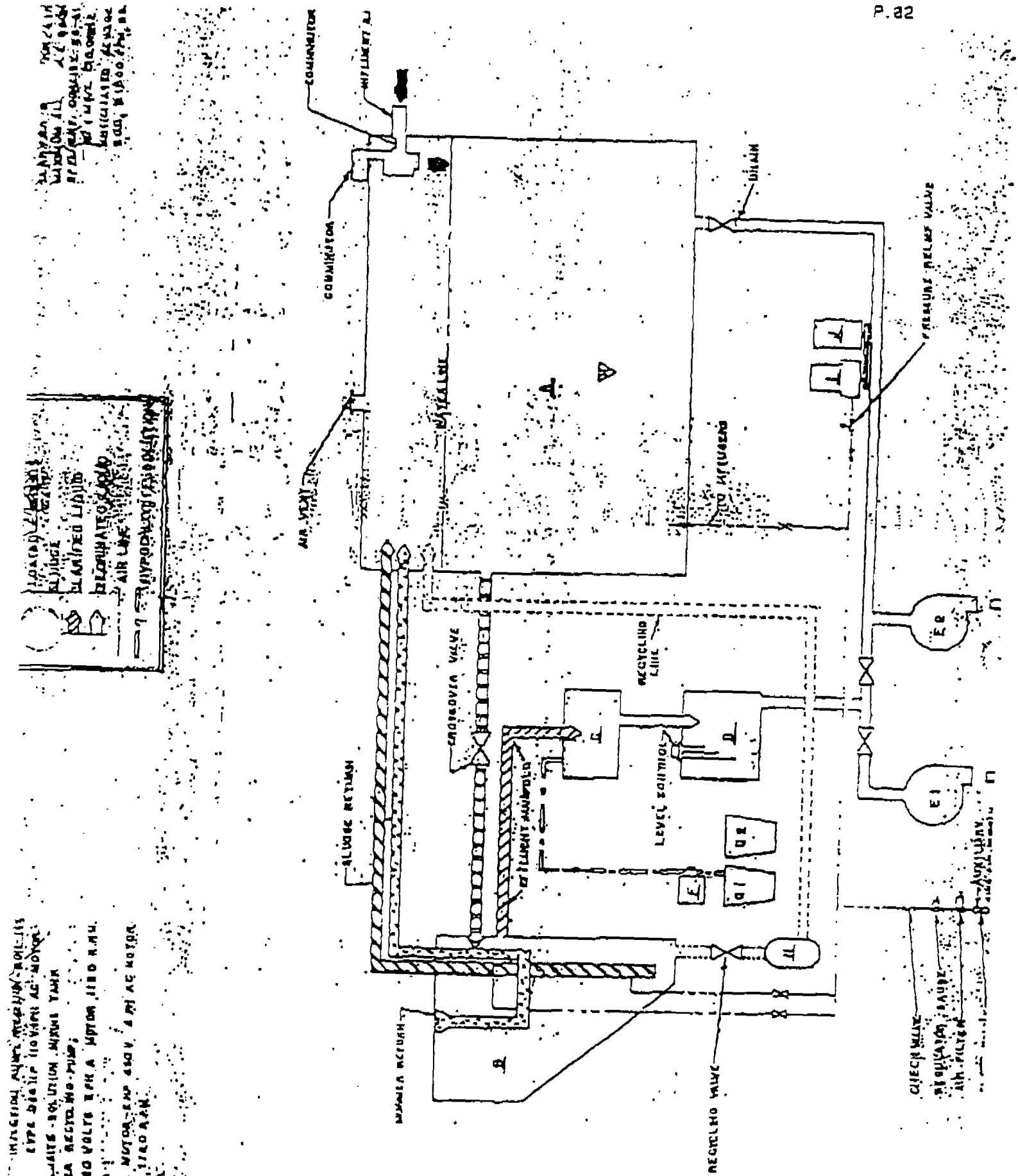
When the hurricane danger has passed, the following procedures will apply:

1. Return to rig.
2. Upon arrival at rig, inspect for damage and start up engine.
3. Test choke and kill lines as required by well program.
4. Open choke line below blind rams and check for pressure.
5. Test BOP's as required by well program.
6. Pick-up drill pipe with centralizers and RIH. Ratchet into the storm valve, pick up 10,000 lbs on the packer to open the ball valve and check for drillpipe pressure. Close Hydril, release packer. Retrieving procedure is described in the attached operating instructions for RTTS Storm Packer. Check for pressure through choke lines. Open Hydril.
7. Pull out of hole. Laydown packer, stage in hole.

Sanitary Chlorine Test

2-16-2000	1.2
2-12-2000	1.4
2-6-2000	1.2
1-27-2000	1.2
1-19-2000	1.4
1-13-2000	1.2
1-6-2000	1.6
12-22-1999	1.4
12-9-1999	1.4
11-24-1999	1.3
11-13-1999	1.4
10-28-1999	1.4
10-14-1999	1.5
9-28-1999	1.5
9-15-1999	1.8

MARINE 200



As the bacteria in the form of activated sludge settles to the bottom of the clarifier chamber, a zone of clear liquid remains at the upper portion of the chamber. This liquid flows through the two perforated effluent pipes located in the clarifier and passes into the effluent manifold.

Liquid is discharged from the effluent manifold into the chlorine contact chamber (C). At this point the liquid is disinfected by the injection of a hyperchlorite solution contained in the chemical storage reservoirs (G-1 & G-2). Injection of this solution is accomplished by the chlorine injection pump (P). The chlorine contact chamber is equipped with swash plates to dampen effects of vessel motion.

From the clarifier chamber the disinfected liquid flows into the holding tank (D) (optional). This holding tank is equipped with rod-type level controls (optional) which activate controller circuits for the effluent pumps (D-1 & E-2), which pump the liquid overboard.

Marine 200 EQUIPMENT INVENTORY

DRILLING VESSEL DESCRIPTION:
Bethlehem Steel Corporation JU-200MC Cantilever jack-up drilling unit. Built in 1981 by Bethlehem Steel, Beaumont, Texas. Classed as an A-1 Self-Elevating Mobile Drilling Unit.

DESIGN OPERATING CONDITIONS:

Maximum water depth (non-hurricane):	200'
Maximum water depth (hurricane):	175'
Minimum water depth:	26'
Drilling depth capacity:	20,000'

DIMENSIONS:

Length overall (triangular shape):	157'
Breadth:	132'
Depth of Hull:	18'
Mat length:	220'
Mat width:	185'
Mat depth:	10' + 2' skirt
Length of Legs (including mat):	269'

MAX. OPERATING/ENVIRONMENTAL CONDITIONS:

Drilling:	
Drilling load (kips)	4,450
Wind speed (knots)	100
Wave height (ft)	35
Storm Survival:	
Variable load (kips)	3,450
Wind speed (knots)	100
Wave height (ft)	50

RIG STORAGE CAPACITIES:

Drill Water:	5,948 bbls
Potable Water:	1,050 bbls
Fuel:	2,340 bbls
Liquid Mud:	1,698 bbls
Bulk Mud:	3,000 cu ft
Bulk Cement:	3,000 cu ft
Sack Material:	3,000 sacks

DRAWWORKS:
Continental Emsco C-2 Type II, nominal depth rating 20,000 ft; driven by two 900 MB DC electric motors rated 1,000 hp each, with an Elmagco Model 7838 Eddy Current Auxiliary Brake

DERRICK:
Continental Emsco Model 20RD Derrick. 147' clear height by 30' base. Rated at 1,400,000 lbs. gross nominal rating. Designed for 100 mph wind with full setback

MUD PUMPS:
Two Continental Emsco FB 1600 triplex pumps, rated 1600 hp input, driven by two (2) GE 752 DC electric motors, with 5,000 psi fluid end and 6-1/2" liners

ENGINE GENERATOR UNITS:
Three EMD MD 12E8 diesel engines driving 1,050 kw continuous, 600 VAC, ABS rated generators

ELECTRICAL DISTRIBUTION:
Ross Hill SCR Power Distribution System

ROTARY:
Continental Emsco Model T-3750, 37-1/2" rotary, independent drive with a GE 752 DC electric motor

CROWN:
Continental Emsco RA-52-7 crown block, 500 ton rating with seven 52" diameter sheaves grooved for 1-3/8" drill line

TRAVELING BLOCK:
Continental Emsco RA-52-6 traveling block, 500 ton rating with six 52" diameter sheaves grooved for 1-3/8" drill line

HOOK:
B-J 5550 Dynaplex hook with positioner, 500 ton

SWIVEL:
Continental Emsco Model LB swivel, 500 ton

KELLY BUSHING:
Varco Kelly bushing/MPCH master bushing

KELLY:
5-1/4" hex kelly

KELLY SPINNER:
Foster model 77 kelly spinner, air powered

ROTARY HOSE:
3" ID x 60', 5,000 psi wp

SPINNING WRENCH:
SSW-10

FISHING TOOLS:
As required for Contractor's drill string

DRILL LINE:
1-3/8", 6x19 WRC Power Steel, 7,500'

WIRELINE UNIT:
Mathey Wireline Unit .092"

RIG FLOOR AIR HOIST:
Ingersoll-Rand, 7,000 lb @ 70 fpm

INSTRUMENTATION:
- Weight indicator
- Mud pressure gauge
- Torque indicator
- Pump spm indicator
- Rotary rpm indicator
- Flowmeter
- Tong torque indicator
- Pit volume totalizer with gain/loss alarm
- Geolograph recorder 6-pen
- Deviation surveying equipment 0°-16°

APPENDIX "A"
AIR EMISSIONS REPORT
SUPPLEMENTAL DOCD
MAIN PASS BLOCK 37
LEASE OCS-G-4125

CHEVRON U.S.A. INC.
S. A. RONDENO
Date: FEBRUARY 21, 2001

OMB Control No. xxxx-xxxx
Expiration Date: Pending

DOCD AIR QUALITY SCREENING CHECKLIST

COMPANY	Chevron U.S.A. Inc.
AREA	Main Pass
BLOCK	37
LEASE	OCS-G-4125
PLATFORM	
WELL	#6, #7, #P-9
COMPANY CONTACT	Shirley A. Rondeno
TELEPHONE NO.	(504) 592-6853
REMARKS	See Attached

"Yes"	"No"	Air Quality Screening Questions
	No	1. Is the concentration of H_2S expected greater than 20 ppm?
	No	2. Is the burning of produced liquids proposed?
	No	3. Is gas flaring or venting which would require Regional Supervisor of Production and Development approval under Subpart K proposed?
Yes		4. Does the facility process production from 8 or more active wells?
Yes		5. Is the facility within 200km of the Breton Area?
Yes		6. Will the proposed activity be collocated at (same surface location), or bridge attached to, a previously approved facility?
Yes		7. Is the proposed activity within 25 miles of shore?
	No	8. Are semi-submersible activities involved and is the facility within 75 miles of shore?
	No	9. Are drillship operations involved and is the facility within 145 miles of shore?

If ALL questions are answered "No":

Fill in the information below about your lease term pipelines and submit only this coversheet with your plan.

If ANY question is answered "Yes":

Prepare and submit a full set of spreadsheets with your plan.

LEASE TERM PIPELINE CONSTRUCTION INFORMATION:		
YEAR	NUMBER OF PIPELINES	TOTAL NUMBER OF CONSTRUCTION DAYS
1999		
2000		
2001		
2002		
2003		
2004		
2005		
2006		
2007		
2008		
2009		

AIR EMISSION CUMPUTATION FACTORS

OMB Control No. xxxx-xxxx
Expiration Date: Pending

Fuel Usage Conversion Fac	Natural Gas Turbines		Natural Gas Engines		Diesel Recip. Engi		REF.	DATE
	SCF/hp-hr	9.524	SCF/hp-hr	7.143	AL/hp-h	0.0483	AP42 3.2-1	4/76 & 8/84

Equipment/Emission Factor	units	PM	SOx	NOx	VOC	CO	REF.	DATE
NG Turbines	gms/hp-hr		0.00247	1.3	0.01	0.83	P42 3.2-1& 3.1-1	10/96
NG 2-cycle lean	gms/hp-hr		0.00185	10.9	0.43	1.5	AP42 3.2-1	10/96
NG 4-cycle lean	gms/hp-hr		0.00185	11.8	0.72	1.6	AP42 3.2-1	10/96
NG 4-cycle rich	gms/hp-hr		0.00185	10	0.14	8.6	AP42 3.2-1	10/96
Diesel Recip. < 600 hp.	gms/hp-hr	1	1.468	14	1.12	3.03	AP42 3.3-1	10/96
Diesel Recip. > 600 hp.	gms/hp-hr	0.32	1.468	11	0.33	2.4	AP42 3.4-1	10/96
Diesel Boiler	lbs/bbl	0.084	2.42	0.84	0.008	0.21	AP42 1.3-12,14	9/98
NG Heaters/Boilers/Burners	lbs/mmscf	7.6	0.593	100	5.5	84	2 1.4-1, 14-2, &	7/98
NG Flares	lbs/mmscf		0.593	71.4	60.3	388.5	AP42 11.5-1	9/91
Liquid Flaring	lbs/bbl	0.42	6.83	2	0.01	0.21	P42 1.3-1 & 1.3-3	9/98
Tank Vapors	lbs/bbl				0.03		E&P Forum	1/93
Fugitives	s/hr/comp.				0.0005		API Study	12/93
Glycol Dehydrator Vent	lbs/mmscf				6.6		La. DEQ	1991
Gas Venting	lbs/scf				0.0034			

Sulfur Content Source	Value	Units
Fuel Gas	3.33	ppm
Diesel Fuel	0.4	% weight
Produced Gas(Flares)	3.33	ppm
Produced Oil (Liquid Flaring)	1	% weight

AIR EMISSION CALCULATIONS - FIRST YEAR

OMB Control No. xxxx-xxxx
Expiration Date: Pending

COMPANY	AREA	BLOCK	LEASE	PLATFORM	WELL		CONTACT	PHONE	REMARKS
Chevron U.S.A. Inc.	Main Pass	37	OCS-G-4125	"P"	#9		Shirley A. Rondeno	(504) 592-68	#REF!

OPERATIONS	EQUIPMENT	RATING	AX. FUEL	CT. FUEL	RUN TIME		MAXIMUM POUNDS PER HOUR					ESTIMATED TONS				
	Diesel Engines	HP	GAL/HR	GAL/D												
	Nat. Gas Engines	HP	SCF/HR	SCF/D												
	Burners	MBTU/HR	SCF/HR	SCF/D	HR/D	DAYS	PM	SOx	NOx	VOC	CO	PM	SOx	NOx	VOC	CO
DRILLING	PRIME MOVER>600hp diesel	1500	72.45	1738.80	24	24	1.06	4.85	36.34	1.09	7.93	0.30	1.40	10.47	0.31	2.28
	PRIME MOVER>600hp diesel	1500	72.45	1738.80	24	24	1.06	4.85	36.34	1.09	7.93	0.30	1.40	10.47	0.31	2.28
	PRIME MOVER>600hp diesel	1500	72.45	1738.80	24	24	1.06	4.85	36.34	1.09	7.93	0.30	1.40	10.47	0 31	2.28
	BURNER diesel	0			0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AUXILIARY EQUIP>600hp diesel	650	31.395	753.48	24	24	1.43	2.10	20.04	1.60	4.34	0.41	0.61	5.77	0.46	1.25
	AUXILIARY EQUIP<600hp diesel	360	17.388	417.31	4	24	0.79	1.16	11.10	0.89	2.40	0.04	0.06	0.53	0.04	0.12
	VESSELS>600hp diesel(crew)	4200	202.86	4868.64	6	24	2.96	13.58	101.76	3.05	22.20	0.21	0.98	7.33	0.22	1.60
	VESSELS>600hp diesel(supply)	3500	169.05	4057.20	8	6	2.47	11.32	84.80	2.54	18.50	0.06	0.27	2.04	0.06	0.44
	VESSELS>600hp diesel(tugs)	8400	405.72	9737.28	12	2	5.92	27.16	203.52	6.11	44.41	0.07	0.33	2.44	0.07	0.53
PIPELINE INSTALLATION	PIPELINE LAY/BURY BARGE diese	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SUPPORT VESSEL diesel (Jackup)	0	0	0.00	0	0	0.00	0.00	0.00	0i00	0.00	0.00	0.00	0.00	0.00	0.00
	SUPPORT VESSEL diesel(tug boat)	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(crew)	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(supply)	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FACILITY INSTALLATION	DERRICK BARGE diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MATERIAL TUG diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(crew)	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(supply)	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PRODUCTION	RECIP.<600hp diesel Crane	160	7.728	185.47	1	104	0.35	0.52	4.93	0.39	1.07	0.02	0.03	0.26	0.02	0.06
	RECIP.>600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SUPPORT VESSEL diesel	2100	101.43	2434.32	4	104	1.48	6.79	50.88	1.53	11.10	0.31	1.41	10.58	0.32	2.31
	TURBINE nat gas	0	0	0.00	0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	RECIP.2 cycle lean nat gas	0	0	0.00	0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	RECIP.4 cycle lean nat gas	0	0	0.00	0	0		0.00	0.00	0.00	0.00		0.00	0.00	0 00	0.00
	RECIP.4 cycle rich nat gas Gen	252	1800.036	43200.86	24	365		0.00	5.55	0.08	4.77		0.00	24.31	0.34	20.91
	RECIP.4 cycle rich nat gas Comp	600	4285.8	102859.2	24	365		0.00	13.22	0.19	11.37		0.01	57.89	0 81	49 78
	BURNER nat gas	50	47619.05	1142857	24	365	0.36	0.03	4.76	0.26	4.00	1.59	0.12	20.86	1 15	17.52
	MISC.	BPD	SCF/HR	COUNT												
	TANK-	1000			24	365				1.25					5 48	
	FLARE-		0		0	0		0.00	0.00	0.00	0.00		0.00	0 00	0 00	0 00
	PROCESS VENT-		0		0	0				0.00					0 00	
	FUGITIVES-			10000.0		365				5.00					21.90	
	GLYCOL STILL VENT-		0		0	0				0.00					0 00	
DRILLING WELL TEST	OIL BURN	0			0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00
	GAS FLARE		0		0	0		0.00	0.00	0.00	0.00		0.00	0.00	0 00	0.00
2001 YEAR TOTAL							18.94	77.21	609.61	26.16	147.95	3.62	8.01	163.41	31.81	101.37
EXEMPTION CALCULATION	DISTANCE FROM LAND IN MILES											499.50	499.50	499.50	499.50	20679.49
	15 0															

AIR EMISSIONS CALCULATIONS - SECOND YEAR

OMB Control No. xxxx-xxxx
Expiration Date: Pending

COMPANY	AREA	BLOCK	LEASE	PLATFORM	WELL		CONTACT	PHONE	REMARKS
Chevron U S.A Inc	Main Pass	37	OCS-G-4125	"P"	#9		Shirley A Rondeno	(504) 592-6853	#REF!

OPERATIONS	EQUIPMENT	RATING	MAX. FUEL	ACT. FUEL	RUN TIME		MAXIMUM POUNDS PER HOUR					ESTIMATED TONS				
	Diesel Engines	HP	GAL/HR	GAL/D												
	Nat. Gas Engines	HP	SCF/HR	SCF/D												
	Burners	MBTU/HR	SCF/HR	SCF/D	HR/D	DAYS	PM	SOx	NOx	VOC	CO	PM	SOx	NOx	VOC	CO
DRILLING	PRIME MOVER>600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PRIME MOVER>600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PRIME MOVER>600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00
	PRIME MOVER>600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00
	BURNER diesel	0			0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00
	AUXILIARY EQUIP>600hp d	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2 Cranes @ 180	AUXILIARY EQUIP>600hp d	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(crew	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(supp	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00
2@4200	VESSELS>600hp diesel(tugs	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PIPELINE	PIPELINE LAY BARGE diese	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INSTALLATION	SUPPORT VESSEL diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PIPELINE BURY BARGE die	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SUPPORT VESSEL diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(crew	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(supp	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FACILITY	DERRICK BARGE diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INSTALLATION	MATERIAL TUG diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(crew	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(supp	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PRODUCTION	RECIP.<600hp diesel Crane	160	7.728	185.47	1	104	0.35	0.52	4.93	0.39	1.07	0.02	0.03	0.26	0.02	0.06
	RECIP.>600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SUPPORT VESSEL diesel	2100	101.43	2434.32	4	104	1.48	6.79	50.88	1.53	11.10	0.31	1.41	10.58	0.32	2.31
	TURBINE nat gas	0	0	0.00	0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0 00
	RECIP.2 cycle lean nat gas	0	0	0.00	0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	RECIP.4 cycle rich nat gas Gen	252	1800.036	43200.86	24	365		0.00	5.55	0.08	4.77		0.00	24.31	0.34	20.91
	RECIP.4 cycle rich nat gas Comp	600	4285.8	102859.2	24	365		0.00	13.22	0.19	11.37		0.01	57.89	0.81	49.78
	BURNER nat gas.	50	47619.05	1142857	24	365	0.36	0.03	4.76	0.26	4.00	1.59	0.12	20.86	1 15	17 52
	MISC.	BPD	SCF/HR	COUNT												
	TANK-	1000			24	365				1.25					5 48	
	FLARE-		0		0	0		0.00	0.00	0.00	0.00		0.00	0 00	0 00	0 00
	PROCESS VENT-		0		0	0				0.00					0 00	
	FUGITIVES-			10000.0		365				5.00					21.90	
	GLYCOL STILL VENT-		0		0	0				0.00					0.00	
DRILLING	OIL BURN	0			0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0 00
WELL TEST	GAS FLARE		0		0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
2002	YEAR TOTAL						2.19	7.34	79.34	8.70	32.31	1.91	1.58	113.89	30.01	90.57
EXEMPTION CALCULATION	DISTANCE FROM LAND IN MILES											499.50	499.50	499.50	499.50	20679.49
	15 0															

AIR EMISSION CALCULATIONS

OMB Control No. xxxx-xxxx
Expiration Date: Pending

COMPANY	AREA	BLOCK	LEASE	PLATFORM	WELL
Chevron U.S	Main Pass	37	OCS-G-4125		#P-9

Year	Emitted Substance				
	PM	SOx	NOx	VOC	CO
2001	3.62	8.01	163.41	31.81	101.37
2002	1.91	1.58	113.89	30.01	90.57
2003	1.91	1.58	113.89	2.19	90.57
2004	1.91	1.58	113.89	2.19	90.57
2005	1.91	1.58	113.89	2.19	90.57
2006	1.91	1.58	113.89	2.19	90.57
2007	1.91	1.58	113.89	2.19	90.57
2008	1.91	1.58	113.89	2.19	90.57
2009	1.91	1.58	113.89	2.19	90.57
2010	1.91	1.58	113.89	2.19	90.57
Allowable	499.50	499.50	499.50	499.50	20679.49

COMPANY	AREA	BLOCK	LEASE	PLATFORM	WELL	CONTACT	PHONE	REMARKS
Chevron U S A Inc	Main Pass	37	OCS-G-4125		#6, #7	Shirley A Rondeno	(504) 592-4	#REFI

OPERATIONS	EQUIPMENT	RATING	MAX. FUEL	CT. FUEL	RUN TIME		MAXIMUM POUNDS PER HOUR					ESTIMATED TONS				
	Diesel Engines	HP	GAL/HR	GAL/D												
	Nat. Gas Engines	HP	SCF/HR	SCF/D												
	Burners	MMBTU/HR	SCF/HR	SCF/D	HR/D	DAYS	PM	SOx	NOx	VOC	CO	PM	SOx	NOx	VOC	CO
DRILLING	PRIME MOVER>600hp diesel	1500	72.45	1738.80	24	60	1.06	4.85	36.34	1.09	7.93	0 76	3 49	26.17	0 79	5 71
	PRIME MOVER>600hp diesel	1500	72.45	1738.80	24	60	1.06	4.85	36.34	1.09	7.93	0.76	3.49	26.17	0 79	5 71
	PRIME MOVER>600hp diesel	1500	72.45	1738.80	24	60	1.06	4.85	36.34	1.09	7.93	0 76	3.49	26.17	0 79	5 71
	PRIME MOVER>600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0 00	0 00
	BURNER diesel	0			0	0	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0 00
	AUXILIARY EQUIP>600hp diesel	650	31.395	753.48	24	60	1.43	2.10	20.04	1.60	4.34	1.03	1.51	14.43	1 15	3 12
2 @ 180	AUXILIARY EQUIP<600hp diesel	360	17.388	417.31	4	60	0.79	1.16	11.10	0.89	2.40	0.10	0.14	1.33	0 11	0 29
	VESSELS>600hp diesel(crew)	4200	202.86	4868.64	6	60	2.96	13.58	101.76	3.05	22.20	0.53	2.44	18.32	0.55	4.00
	VESSELS>600hp diesel(supply)	3500	169.05	4057.20	8	17	2.47	11.32	84.80	2.54	18.50	0.17	0 77	5.77	0 17	1.26
2@4200 HP	VESSELS>600hp diesel(tugs)	8400	405.72	9737.28	12	2	5.92	27.16	203.52	6.11	44.41	0.07	0.33	2 44	0.07	0.53
PIPELINE INSTALLATION	PIPELINE LAY BARGE diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SUPPORT VESSEL diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PIPELINE BURY BARGE diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SUPPORT VESSEL diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00
	VESSELS>600hp diesel(crew)	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00
	VESSELS>600hp diesel(supply)	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00
FACILITY INSTALLATION	DERRICK BARGE diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00
	MATERIAL TUG diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00
	VESSELS>600hp diesel(crew)	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(supply)	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00
PRODUCTION	RECIP.<600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	RECIP.>600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SUPPORT VESSEL diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TURBINE nat gas	0	0	0.00	0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0 00
	RECIP.2 cycle lean nat gas	0	0	0.00	0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0 00
	RECIP.4 cycle lean nat gas	0	0	0.00	0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0 00
	RECIP.4 cycle rich nat gas	0	0	0.00	0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0 00
	BURNER nat gas	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0 00
	MISC.	BPD	SCF/HR	COUNT												
	TANK-	0			0	0				0.00					0 00	
	FLARE-		0		0	0		0.00	0.00	0.00	0.00		0.00	0.00	0 00	0 00
	PROCESS VENT-		0		0	0				0.00					0 00	
	FUGITIVES-			1000.0		366				0.50					2 20	
	GLYCOL STILL VENT-		0		0	0				0.00					0.00	
DRILLING WELL TEST	OIL BURN	0			0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0 00	0 00
	GAS FLARE		0		0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
2001 YEAR TOTAL							16.74	69.88	530.26	17.97	115.64	4.18	15.67	120.79	6.61	26.33
EXEMPTION CALCULATION	DISTANCE FROM LAND IN MILES											499.50	499.50	499.50	499.50	16816.70
	15 0															

AIR EMISSIONS CALCULATIONS - SECOND YEAR

OMB Control No. xxxx-xxxx
Expiration Date: Pending

COMPANY	AREA	BLOCK	LEASE	PLATFORM	WELL	CONTACT	PHONE	REMARKS
Chevron U S A Inc	Main Pass	37	OCS-4125		#6, #7	Shirley A Rondeno	(504) 592-68	#REF!

OPERATIONS	EQUIPMENT	RATING	MAX. FUEL	ACT. FUEL	RUN TIME		MAXIMUM POUNDS PER HOUR					ESTIMATED TONS				
	Diesel Engines	HP	GAL/HR	GAL/D												
	Nat. Gas Engines	HP	SCF/HR	SCF/D												
	Burners	MBTU/HR	SCF/HR	SCF/D	HR/D	DAYS	PM	SOx	NOx	VOC	CO	PM	SOx	NOx	VOC	CO
DRILLING	PRIME MOVER>600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PRIME MOVER>600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PRIME MOVER>600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PRIME MOVER>600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BURNER diesel	0			0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AUXILIARY EQUIP>600hp d	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2 Cranes @ 180	AUXILIARY EQUIP<600hp d	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(crew	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(supp	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(tugs	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PIPELINE INSTALLATION	PIPELINE LAY BARGE diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SUPPORT VESSEL diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PIPELINE BURY BARGE die	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SUPPORT VESSEL diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(crew	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(supp	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FACILITY INSTALLATION	DERRICK BARGE diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MATERIAL TUG diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(crew	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(supp	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PRODUCTION	RECIP.<600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	RECIP.>600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SUPPORT VESSEL diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TURBINE nat gas	0	0	0.00	0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	RECIP.2 cycle lean nat gas	0	0	0.00	0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	RECIP.4 cycle lean nat gas	0	0	0.00	0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	RECIP.4 cycle rich nat gas	0	0	0.00	0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	BURNER nat gas	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MISC.	BPD	SCF/HR	COUNT												
	TANK-	0			0	0				0.00					0.00	
	FLARE-		0		0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	PROCESS VENT-		0		0	0				0.00					0.00	
	FUGITIVES-			1000.0		365				0.50					2.19	
	GLYCOL STILL VENT-		0		0	0				0.00					0.00	
DRILLING WELL TEST	OIL BURN	0			0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GAS FLARE		0		0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
2002 YEAR TOTAL							0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	2.19	0.00
EXEMPTION CALCULATION	DISTANCE FROM LAND IN MILES 15 0											499.50	499.50	499.50	499.50	20679.49

BEST AVAILABLE COPY

COMPANY	AREA	BLOCK	LEASE	PLATFORM	WELL
Chevron U.S.A. I	Main Pass	37	OCS-G-4125		#6, #7

Year	Emitted Substance				
	PM	SOx	NOx	VOC	CO
2001	4.18	15.67	120.79	6.61	26.33
2002	0.00	0.00	0.00	2.19	0.00
2003	0.00	0.00	0.00	2.19	0.00
2004	0.00	0.00	0.00	2.19	0.00
2005	0.00	0.00	0.00	2.19	0.00
2006	0.00	0.00	0.00	2.19	0.00
2007	0.00	0.00	0.00	2.19	0.00
2008	0.00	0.00	0.00	2.19	0.00
2009	0.00	0.00	0.00	2.19	0.00
2010	0.00	0.00	0.00	2.19	0.00
All wable	499.50	499.50	499.50	499.50	20679.49